

CV - Majid Rouhani

PERSONAL DETAILS

Date of birth 31.12.1965
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Current profession Associate Professor



SHORT SUMMARY

Majid Rouhani is an Associate Professor at the Department of Computer Science, NTNU with a research background, substantial industry experience, and a teaching portfolio. My research interest is computing education with a focus on programming for K-12 students and have developed courses related to programming for teachers. I have approximately seven years of teaching experience from college and university and more than 19 years of experience in software engineering from the industry.

EDUCATION / ACADEMIC QUALIFICATIONS

- 2019-01 - 2019-11 NTNU - Degree: Other PEDUP (Pedagogisk utviklingsprogram) Faculty / Department: Educational Development
Unit Credits: 15
Pedup is NTNU's pedagogical development program for permanent scientific new employees without documented basic university and college teaching competence.
(Attachment: 1.1-Attest_NTNU_PEDUP.pdf)
- 2019-06 - 2019-08 NTNU - Degree: Ph.D. IT8007 - Research in Computing Education Faculty / Department: IE/IDI Credits: 7.5 Grade: Passed
Advanced research issues related to Computing Education. The course includes the study of challenges and approaches to computing education in different educational contexts, identifying differences and commonalities.

(Attachment: 10.0-Excited_SummerSchool.pdf)
- 1989-08 - 1993-12 NTNU - Degree: Master Engineering Cybernetics Faculty / Department: Information Technology and Electrical Engineering/Engineering Cybernetics
Msc Degree in Computer Science and Cybernetics.

(Attachment: 1.0-Attest_NTNU_SivIng.pdf)

WORK EXPERIENCE

- 2018-07 - Norwegian University of Science and Technology Job: Associate Professor
Faculty of Information Technology and Electrical Engineering (IE)/Department of Computer Science (IDI). Teaching several courses listed under "Teaching/mentor experience/qualifications" section.
- 2014-09 - 2018-06 Accenture AS Job: Manager/Energy
Deployed to Business & Technology Integration having the position as a SW Imp Tech Arch Manager in the operating group Resources.
- 2012-11 - 2014-09 HyTracc Trondheim Job: Senior Consultant Hydrocarbon accounting
Working with development- and implementation of Energy Components
- 2012-01 - 2012-11 Statoil Asa Job: Principal Analyst/Oil- gas dispatching
Main tasks have been business analysis and technical development of IT solutions within Statoils Gas Operations
- 2000-01 - 2011-12 Tieto Norway AS Job: Senior Analyst
Working with development-/implementation of Energy Components and project management
- 1997-08 - 1999-12 Internet Aksess/Mogul Job: Systems developer
Have been systems developer/project manager for several projects listed under "Project/research experience".
- 1996-08 - 1997-07 The Polytechnic College Job: Assistant Professor
Teaching several courses listed under "Teaching/mentor experience/qualifications" section.
- 1994-08 - 1997-07 Høgskolen i Bergen Job: Assistant Professor
Teaching several courses listed under "Teaching/mentor experience/qualifications" section.
- 1994-01 - 1994-04 SINTEF UNIMED Job: Medisinsk Teknikk
Implementasjonen av datasystemet for detektering av luftbobler i blodet forårsaket av trykkforskjell som oppstår normalt hos dykkere.

TEACHING / MENTOR QUALIFICATIONS

2019-10 - 2020-12	NTNU Subject: Studieprogramleder for KOMPIS Programmering 8.-13.trinn
2019-01 - 2020-12	NTNU Subject: TDAT2001 Natural sciences and Statistics (15 sp) Responsible for Statistics- and probability part of the course (5 sp): (2018/19 and 2019/20)
2018-08 - 2020-12	NTNU Subject: IT6203 - Introductory Programming for Teachers (7.5 sp) Course coordinator. Høst 2018, 2019, 2020.
2018-08 - 2020-12	NTNU Subject: IT6204 - Applied Programming for Teachers (7.5 sp) Course coordinator and lecturing (2019/2020)
2020-01 - 2020-06	NTNU Subject: IDATx2001 Programmering 2 (10 sp) Course coordinator for Trondheim, Gjøvik and Ålesund (IDATT2001, IDATA2001, IDATG2001). Lecturing 50% of the course subjects (5 sp): - Collaboration between objects, lists, search, and sorting. Compare objects. - Inheritance and polymorphism - Exception handling - Functional programming. - Design pattern
2020-01 - 2020-06	NTNU Subject: Mentor for Bachelor thesis Applikasjon for egendefinerte tekster til native app
2020-01 - 2020-06	NTNU Subject: Mentor for bachelor thesis «Min økonomi»-funksjonalitet i kort-app
2020-01 - 2020-06	NTNU Subject: Mentor for Bachelor thesis Lage applikasjon innen veginformatikk
2020-01 - 2020-06	NTNU Subject: Mentor for bachelor thesis: Fast Track Taxi Mentor for bachelor thesis: Fast Track Taxi
2020-01 - 2020-06	NTNU Subject: Mentor for bachelor thesis: Loyalty Mentor for bachelor thesis: Loyalty
2020-01 - 2020-06	NTNU Subject: Mentor for Bachelor thesis Spillutvikling med Tiltspot
2020-01 - 2020-06	NTNU Subject: Mentor for Bachelor thesis Prediksjon av vinner av MMA-kamper
2019-08 - 2020-01	NTNU Subject: Master's thesis: Teacher Collaboration in Online Learning Analyzing an Asynchronous Learning Network in an Online Programming Course for Teachers Master's thesis in Natural Science with Teacher Education Supervisor: Monica Divitini, Majid Rouhani
2018-12 - 2019-12	NTNU Subject: Sammen slått C#.NET IFUD1002 INII4002 (5 sp) Faglærer og ansvar for 50% av temaene i faget (2.5 sp) Faginnhold: NET-arkitekturen. Utviklingsmiljøet. Grunnleggende C#-syntaks. Objektorientert programmering med arv og polymorfi. GUI. Datafiler. Programmering mot databaser. ADO.NET, LINQ, Templates, Collections Har undervist i faget både høsten 2018, våren 2019 og høsten 2019.
2018-08 - 2019-12	NTNU Subject: IFUD1042 - Applikasjonsutvikling for Android Undervist høsten 2018 og høst 2019.
2018-08 - 2019-12	NTNU Subject: TDAT2003 - Software Engineering 2 with web applications Responsible for HCI part of the course
2018-08 - 2019-12	NTNU Subject: LBAS2002 - Informatics
2019-01 - 2019-06	NTNU Subject: Bachelor thesis: A comparison between microframeworks used for rapid web development Mentor for bachelor's thesis: A comparison between microframeworks used for rapid web development
2019-01 - 2019-06	NTNU Subject: TDAT1005 - Databaser med videregående programmering
2019-01 - 2019-06	NTNU Subject: Bachelor thesis: Utvikling og implementering av RPAroboter for Skatteetaten Mentor for bachelor thesis: Utvikling og implementering av RPAroboter
1998-10 - 1999-06	Internet Aksess Subject: Web Design I denne perioden ble det gjennomført flere kurs i webdesign., Kurset var basert på bruk av verktøyet FrontPage.
1997-01 - 1997-06	Den Polytekniske Høyskolen Subject: Systemering
1996-08 - 1996-12	Den Polytekniske Høyskolen Subject: Prosjekt Styring og utvikling av informasjonssystemer
1996-08 - 1996-12	Den Polytekniske Høyskolen Subject: Strukturert Programmering med Pascal
1996-08 - 1996-12	Den Polytekniske Høyskolen Subject: Grunnleggende informasjonsbehandling
1995-08 - 1996-06	Høgskolen i Bergen Subject: E036 Statistikk
1994-08 - 1996-06	Høgskolen i Bergen Subject: A052 Anvendt Datateknikk
1994-08 - 1996-06	Høgskolen i Bergen Subject: E053 Videregående datateknikk
1995-08 - 1995-12	Høgskolen i Bergen Subject: D039 Datamaskinens virkemåte
1994-08 - 1994-12	Høgskolen i Bergen Subject: A013 Datateknikk

ICT EXPERIENCE

<i>Databases</i>	Knowledge level: Good Many years of development experience using Oracle. Also, have experience using Microsoft SQL and MySQL.
<i>MS Office</i>	Knowledge level: Good Advance use of MS Word, Excel, Access, Power Point
<i>Operating systems</i>	Knowledge level: Good God knowlegde on operating systems such as Windows, Unix, Linux
<i>Programming languages</i>	Knowledge level: Good Programming in C, C++, Java, JavaScript, HTML, DHTML, PL/SQL, Visual Basic, Android, C#, Python and VBA.
<i>System development</i>	Knowledge level: Good <i>tools</i> Some of the most important tools: <ul style="list-style-type: none">- Eclipse- PL/SQL developer- Ultraedit- XML Spy

PROJECT / RESEARCH EXPERIENCE

<i>2020-10 - 2020-12</i>	Project: Development of new programming course Funding source: Kompetanse Norge Development of new introductory course customized oil- and gas, and supplier industry.
<i>2020-08 - 2020-12</i>	Project: Centre for Excellent IT Education Scope / workload: Informed Decision (P1) Informed Decisions aims to increase the knowledge of IT and the IT profession for pre-university students 2018-07 -
<i>2020-12</i>	Project: Development of new programming course for teachers Funding source: KfK Development of course IT6204 Applied programming for teachers Role: Project manager
<i>2020-04 - 2020-05</i>	Project: Virtual IDI Seminar Member of the program committee for organizing the virtual IDI seminar 2020.
<i>2019-08 - 2019-12</i>	Project: Development of programming course for teachers (Role: project manager) Development and execution of an introductory programming course for teachers at secondary school in Trøndelag fylkeskommune. The development phase started the summer 2019. Execution phase started from August 2019 and will continue by end of June 2020.
<i>2017-11 - 2018-06</i>	Project: Upgrading EC to EC11.2 for Petronas Upgrading from EC production module from EC9.4 to EC11.2
<i>2016-08 - 2017-10</i>	Project: GASUM - New Energy Management Application Platform The energy company Gasum is a Nordic gas sector and energy market expert that is building a bridge to a carbon neutral society. A project was initiated to specify new platform of Energy Management systems. My role in the project: Technical Stream Lead
<i>2016-04 - 2016-07</i>	Project: APA Australia Member of Energy Components onsite team. The team was located in Kuala Lumpur and I supported the team both onsite and remotely.
<i>2014-11 - 2016-03</i>	Project: Upgrading Qatargas EC9.4 to EC11. Scope / workload: Fullstilling i hele perioden Upgrading all EC modules (upstream, downstream and sales administration) to EC11.0
<i>2013-07 - 2014-10</i>	Project: EC Production Upgrade Scope / workload: Fullstilling i hele perioden Upgrade of EC Production and implementation of new daily allocation.
<i>2013-02 - 2013-12</i>	Project: PDO/Oman Funding source: PDO Petroleum Development Oman (PDO) is the foremost hydrocarbon exploration and production company in the Sultanate of Oman. It accounts for more than 90% of the country's crude-oil production and nearly all of its naturalgas supply. The Company is owned by the Government of Oman which has a 60% interest, Royal Dutch Shell which has a 34% interest, Total which has a 4% interest, and Partex which has a 2% interest. In this project, we did a product fit analysis and migrated the system from EC 8.3.1 to EC 10.3.
<i>2012-12 - 2013-06</i>	Project: Origo 2 Scope / workload: Fullstilling i hele perioden Funding source: Gassco implemented new screens for task management in EC 10.3, upgrade of Pipeline notifications from Origo 1 to EC 10.3 and implemented few other screens for the dispatch module of EC
<i>2011-12 - 2012-11</i>	Project: Dispatch Scope / workload: Fullstilling i hele perioden Funding source: Statoil Implementation of Statoil Dispatch system for their operations in USA
<i>2011-01 - 2012-02</i>	Project: Tieto/ECP Funding source: Tieto Development of a new project management tool (EC Project) based on Excel and Oracle database. Some of the main functionalities implemented in the system: activity planning, resource management, workorders, weekly- and monthly report generation (included s-curve and EVM), action logs, milestone plans, risk management, vacation plan, gant, report generation screens, competency profiles, etc.
<i>2011-08 - 2011-12</i>	Project: Statoil EC Production module Scope / workload: Fullstilling i hele perioden Worked as senior implementation consultant on EC Production in Statoil
<i>2011-08 - 2011-10</i>	Project: Refinery Sales Scope / workload: Fullstilling i hele perioden Funding source: Qatar Gas Implemented new functionalities to existing EC solution for Qatargas to support Invoicing for Refinery products transferred to the local market through Pipeline and Vessels respectively.

2011-03 - 2011-07 Project: EC Repsol Implementation/Spain Scope / workload: Fullstiling i hele perioden
This project consist of both EC Production and EC for Non-Operated assets. Majid's role in the project was EC senior implementation consultant, working with configuring EC Production and EC NOV for the different Repsol assets/countries

2011-01 - 2011-05 Project: Implementation of EC Dispatch module for WGT Scope / workload: Fullstiling i hele perioden
The goal of this project was to design and implement the solution for the Energy Components system to support the following West Gas Transport (WGT) processes:
- Dispatching & Nomination Handling
- Shipper Pair Matching
- Transport Allocation

My role in this project was to implement messages, do screen and object configurations, calculation of input nominations and shipper pair matching

2010-10 - 2010-12 Project: Qatargas onsite support Scope / workload: Fullstiling i hele perioden
The overall aim of this project was to configure, implement and deliver functionality from the Production, Transport, Sales and Revenue modules of the Energy Components product suite to Qatargas.
I have been involved in EC product development, EC implementation services and onsite support

2010-01 - 2010-09 Project: OMV UK - EC NOV Scope / workload: Fullstiling i hele perioden
The objective of this project was to produce a detailed EC Product Fit Analysis (PFA) specification documents defining the scope of work for the later implementation phases in full detail

2009-08 - 2009-12 Project: EC Product Management Scope / workload: Fullstiling i hele perioden
Developing the EC Advanced File Import and the new EC Scheduler module in EC10.1. Majid developed the screens and the logic behind to configure different data sources (excel, XML, Free text and CSV), validate configuration and uploaded data into EC.

2009-01 - 2009-07 Project: Ragas - EC implementation services Scope / workload: Fullstiling i hele perioden
EC system implementation/configuration and programming

2007-01 - 2008-12 Project: NLNG - Onsite support, system maintenance responsible Scope / workload: Fullstiling i hele perioden
NLNG purchases and liquefies Nigerian natural gas for export to overseas markets. The company has long-term Gas Supply Agreements (GSAs) with the three joint ventures (Shell, Total and Agip) operated by the Nigerian affiliates of NLNG's three foreign shareholders.

Majid has configured, implemented and delivered functionality from the EC Transport, Sales and Revenue modules to NLNG, along with interfaces and reports defined. The scope of the system is to support NLNG in activities covering work processes both at Bonny Island (Operations) and in Lagos (Marketing and Finance).

My roles and responsibilities in the project:

- Write user manual and perform onsite super/end user training
- Implement and configure reports (iReports/Business Objects reports)
- Implement and configure interfaces (COMPASS, LIMS, SUN, BO, MarketView)
- Implement and configure screens in EC Transport, Sales and Revenue modules

Support the customer in identification and implementation of changes and new functionalities

2008-01 - 2008-04 Project: EC MarketView Scope / workload: 4 month Funding source: NLNG
Implementation of a new customer-specific module for Energy Components: EC MarketView (attachment: NLNG_MarketView technical specification.pdf)

2002-08 - 2006-12 Project: Origo 1 Scope / workload: Fullstiling i hele perioden
Gassco is as transport system operator responsible for operation of the main parts of the pipelines related to gas export from the Norwegian continental shelf. Due to major changes in the procedures for handling gas transport where gas sales will be handled on a company basis instead of on a seller group and field basis, Gassco initiated the Origo project to assess the feasibility of replacing some of their existing IT-systems. Apart from the required new functionality there are also technical and operational reasons for a possible new integrated IT system.

TietoEnator designed and implemented the Origo system (administration of gas transport) by implementing EC with main functionalities on following areas Transport Planning, Product Shipment, Capacity Administration, Dispatching, Allocation and Tariffs

2002-01 - 2002-07 Project: BP - ETAP Scope / workload: Fullstiling i hele perioden
Specification and implementation of a system containing functionalities product allocation, production reporting, gas nomination and production management (capacity allocation) to be used for operation of the ETAP fields, delivering gas to CATS and oil into Forties pipeline.

Special focus on (gas) web sub-system used 24h a day by partners and operators, containing functionality for nomination of gas, long term gas nomination, messaging between (groups of) users, key performance information as well as detailed allocation- and production-reports. Oracle/Unix, Java, J2EE application server, XML, XSLT

2001-08 - 2001-12 Project: ColorLine - Bunker accounting and environment reporting Scope / workload: Fullstiling i hele perioden
Developing a system for bunker consumption and calculation, extension of environment accounting with reports. Oracle db, Designer and Forms.

2001-01 - 2001-07 Project: Pensjonsnett Scope / workload: Fullstiling i hele perioden
Test managing in a project for a B2B internet based self-service pension system

- 1997-08 - 2000-12 Project: Different Customers/ Internett Akseess Scope / workload: Fullstilling i hele perioden Different inter/intranett related projects:
 - project support system in an intranet environment
 - development of an intranet solution
 - development of a system for press releases
 - administrative system on the intranet
 - intranet solution - internet portal - extranet.
- 1997-08 - 1999-12 Project: Different Projects at Internett Akseess Scope / workload: Fullstilling i hele perioden De viktigste perosjektene er listet i CV.

PUBLICATIONS / SCIENTIFIC PRODUCTIONS

- 2020-10 Type: Scientific production Title: Use of Communication Platform in online courses Degree: Other
 Video (10 minutes) presenting the paper "Utilizing Slack as a communication platform in a flexible learning trajectory course: supporting the learning process"
- 2020-09 Type: Paper Title: Programming for all in the eyes of Norwegian teachers Degree: Ph.D.
- 2020-09 Type: Paper Title: Teaching Programming in Secondary Schools: Stepping and Stumbling Stones Degree: Ph.D.
- 2020-09 Type: Paper Title: Project-based learning and training of in-serviceteachers in programming Degree: Ph.D. Projects as a bridge between training and practice
- 2020-08 Type: Paper Title: Utilizing Slack as a communication platform in a flexible learning trajectory course: supporting the learning process Degree: Ph.D.
 The paper has been accepted på CSERC and will be published during 2020.
- 2020-08 Type: Paper Title: In-service Teacher Training and Self-Efficacy Degree: Ph.D. Co-author(s): Monica Divitini, Jørgen Thorsnes
 The paper has been accepted på ISSEP20 and will be published during 2020.
- 2020-05 Type: Scientific production Title: Digital and Blended Teaching Degree: Other Presentation of online teaching experience at Virtual IDI Seminar 2020.
- 2020-04 Type: Paper Title: Programming for teachers Publishing: NTTECONF Degree: Ph.D.
 Programming for teachers: supporting participants in defining their learning path in a flexible online learning trajectory course
- 2019-06 Type: Essay Title: Developing knowledge and skills in the area of computing education research Degree: Ph.D.
 In this essay, I have examined, analyze and interpret some of the research topics presented in Excited Summer School on Research in computing education in order to compare their stance with my own.
- 2019-04 Type: Paper Title: Learning outcomes Degree: Ph.D. Co-author(s): Hege Annette Olstad, Monica Divitini
 Reflections on the writing of learning outcomes of an online programming course for teachers
- 2019-04 Type: Paper Title: Programming for teachers Degree: Ph.D. Co-author(s): Monica Divitini, Vojislav Vujosevic, Sondre Stai, Hege Annette Olsen
 Design of a programming course for teachers supporting flexible learning trajectories
- 2016-02 Type: User Manual Title: Qatargas, User Manual for Energy Components Degree: Other
 User manual for Energy Components covering business areas upstream, downstream and sales administration (basic common functionality).
- 2013-10 Type: Design document Title: PDO, Report Specification for EC Migration to 10.3 Degree: Other
- 2013-10 Type: Design document Title: PDO, System Configuration Specification for EC Migration to 10.3 Degree: Other
- 2013-10 Type: Design document Title: PDO, Interface Specification for EC Migration to 10.3 Degree: Other
- 2013-10 Type: Design document Title: PDO, Data migration Specification for EC Migration to 10.3 Degree: Other
 Dette er et 123 sider dokument som beskriver prinsipper for hvordan store datamengder (tabler > 20 millioner rader) kan migreres fra et system til et annet.
- 2013-10 Type: Design document Title: PDO, Allocation Specification for EC Migration to 10.3 Degree: Other
 Dette dokumentet beskriver hvordan daglig og månedlig allokering av olje, gass og kondensat implementeres i Energy Components. Da dokumentet er konfidensiell, sendes ikke dette som vedlegg til søknaden, men kan vises frem om det er ønskelig.
- 2010-03 Type: Design document Title: OMV, Interface Specification for EC NOV Degree: Other
- 2010-03 Type: Design document Title: OMV, Business Processes for EC NOV Degree: Other
- 2010-03 Type: Design document Title: OMV, System Configuration for EC NOV Degree: Other
- 2010-03 Type: Design document Title: OMV, Report Specification for EC NOV Degree: Other
- 2002-11 Type: Design document Title: Origo, Technical Design Document - TDD Degree: Other
 Dette er et omfattende dokument (207 sider) som beskriver den tekniske designen at et større IT prosjekt for håndtering av gass produksjon, transport, allokering og revenue.
- 1997-06 Type: Kompendiet Title: Systemering Degree: Other
 Utviklet kompendiet "Systemering" i forbindelse med undervisning av dette faget på Den Poly Tekniske Høgskolen
- 1996-11 Type: Kompendiet Title: Grunnleggende informasjonsbehandling Degree: Other
 Utviklet kompendiet "Grunnleggende informasjonsbehandling" i forbindelse med undervisning av dette faget på Den Poly Tekniske Høgskolen
- 1996-11 Type: Kompendiet Title: Prosjekt Styring og utvikling av informasjonssystemer Degree: Other

- Utviklet kompendiet "Prosjekt Styring og utvikling av informasjonssystemer" i forbindelse med undervisning av dette faget på Den Poly Tekniske Høgskolen
- 1996-11 Type: Kompendiet Title: Strukturert Programmering med Pascal Degree: Other
Utviklet kompendiet "Strukturert Programmering med Pascal" i forbindelse med undervisning av dette faget på Den Poly Tekniske Høgskolen,
- 1996-06 Type: Kompendiet Title: E036 Statistikk Degree: Other
Utviklet kompendiet "E036 Statistikk" i forbindelse med undervisning av dette faget på Høgskolen i Bergen,
- 1995-11 Type: Kompendiet Title: D039 Datamaskinens virkemåte Degree: Other
Utviklet kompendiet "D039 Datamaskinens virkemåte" i forbindelse med undervisning av dette faget på Høgskolen i Bergen
- 1995-08 Type: Bok/hefte Title: Introduksjon til Internet Degree: Other
Jeg fikk i oppdrag å gjennomføre 1 ukes kurs på Høgskolen i Bergen for eksterne deltagere. I denne forbindelse, utarbeidet jeg et kompendium.
- 1995-07 Type: SINTEF Rapport Title: Computer real time detection of intravascular bubbles Degree: Master
Rapporten ble utarbeidet i 1993 i forbindelse med hovedoppgaven fra sin.ing. studiet. Denne ble publisert som SINTEF Rapport. Rapporten er laget ved søknaden
- 1994-11 Type: Kompendiet Title: A013 Datateknikk Degree: Other
Utviklet kompendiet "A013 Datateknikk" i forbindelse med undervisning av dette faget på Høgskolen i Bergen,
- 1994-11 Type: Kompendiet Title: A052 Anvendt Datateknikk Degree: Other
Utviklet kompendiet "A052 Anvendt Datateknikk" i forbindelse med undervisning av dette faget på Høgskolen i Bergen
- 1994-11 Type: Kompendiet Title: E053 Videregående datateknikk Degree: Other
Utviklet kompendiet "E053 Videregående datateknikk" i forbindelse med undervisning av dette faget på Høgskolen i Bergen

COURSES

- 2020-10 Research Leadership Duration: 2 days
The main goal of the course is to support the researchers in developing a long-term research career. The course will focus on understanding leadership in a research context where you might have to lead people more experienced than yourself. Topics discussed: leadership implications related to developmental phases and archetypes of research groups, including strategic leadership and how to manage your research portfolio; - ambition and balancing dilemmas are important keywords here.

The course provided both theoretical introductions and practical learning activities. Working methods included plenary presentations, case-work, experience-sharing, individual tasks and group discussions.
- 2019-12 Workshop on Publishing in International Journals Duration: 2 days
This workshop aims to explore the ways in which ongoing research can be translated into publications in high ranking international journals within and across disciplines. The key milestones of the publishing process are delineated - beginning with the pre-submission/submission phase, through the peer review and revision phases, to the final editorial decision phase.
- 2019-11 NTNU: MOOC008 Oppmerksomhet
Nettbasert innføringskurs i bruk av "knappe ressurser" som tid og oppmerksomhet i undervisning og læring, primært for ansatte i UH-sektoren.

(Attachment: 11.0-MOOC008 Progresjon _ digit.ntnu.no.pdf)
- 2019-11 MOOC002 UNI Akademisk skriving
Nettbasert innføringskurs i akademisk skriving, primært for studenter og ansatte i UH-sektoren.

(Attachment: 11.1-MOOC002 Progresjon _ digit.ntnu.no.pdf)
- 2019-11 Grunnkurs i klarspråk - Den gyldne pennen
"Den gylne pennen" er ey grunnkurs som gir en innføring i de viktigste klarspråkteknikkene.
(Attachment: 11.2-Grunnkurs i klarspråk - Den gylne pennen.pdf)
- 2019-10 UB Modul - Dialog og formidling Duration: 2 days
Modulen fokuserer på å styrke deltagerens kompetanse i planlegging, gjennomføring og evaluering av egen undervisning gjennom en casebasert, aktivt og praksisfokustert tilnærming. Målet er å gi deltakerne innsikt i grunnleggende prinsipper om ulike undervisningsformer, samt verktøy for å bygge opp og strukturere forelesning. Med utgangspunkt i hvordan hjerner dekker og lærer vil vi se på design av powerpoint, samt bruk av kroppsspråk og stemmebruk i kommunikasjonen med studentene. I tillegg vil vi jobbe med rolleforståelse ved benyttelse av innovative undervisningsformer i ulike typer undervisningsarealer med fokus på dialog og studentaktivitet.

(Attachment: xx)
- 2019-01 Skype for Business - digitale møter
Skype-møter og om bruken av Skype for Business-møterom. Kurset er bygget opp av flere korte videoer som tar deg fra planlegging til gjennomføring av et Skype-møte.
- 2014-10 Commercial Agreements - Level 1 - Business
This course provides an introduction to commercial agreements related to hydrocarbon accounting.,
- 2014-10 Oil and Gas Basics - Level 2 - Pipeline & Cargo Transport

	Content:, , Pipeline:, - Transport service agreement types, - Capacity management, - Nominations, - Scheduling, - Allocation and invoicing., , , Cargo:, , - Storage and entitlement, - Lifting, - Administration of entitlements and cargo, - Allocation and reconciliation.,
2014-10	Oil and Gas Basics - Level 2 - Well Site, Gathering Systems and Processing Facility , Content:, , - Oil sands recovery methods, - Single well / Multi well battery configuration, - Truck ticket handling and well production calculations, - Chemical usage, - LNG processing and storage, - EC configuration for processing plant , - EC allocation and stream node diagram,
2014-10	Oil and Gas Measurement: - Level 1 - EC Content: , - Quantity determination , - Daily well production , - Well on time , - Tank level measurements , - Stream measurements , - AGA analysis , - Measuring volume, mass and energy
2014-09	Organic Chemistry - Level 1 - Business This course gives you an introduction to Organic Chemistry related to hydrocarbon accounting.
2014-09	Introduction to EC - EC Concepts This course provides an overview of the main concepts of the Energy Components application. Explains why we use them and provide some guidance on how they work.
2014-09	Accounting Basics - Level 1 - EC Content: , - Introduction to financial accounting , - Preparation of financial transactions, - Financial transactions, - Stock accounting , - Fundamentals of a financial accounting system, - Postings,
2013-11	Accounting Basics - Level 1 - Business A brief introduction to financial accounting as relevant for the hydrocarbon supply chain.
2013-11	Oil and Gas Basics - Level 1 - Business This course provides an introduction to oil and gas fundamentals
2013-11	Oil and Gas Basics - Level 1 - EC This course provides an introduction to how Energy Components handles the oil and gas fundamental areas.
2013-11	Oil and Gas Basics - Level 2 - Reservoir & Well This course covers the reservoir and well parts of the hydrocarbon value chain, and uses a real life example as a case study to show complex reservoirs and well setups
2013-11	Oil and Gas Processing and Treatment - Level 1 - Business This course gives you an introduction to Oil and Gas Processing and Treatment related to hydrocarbon accounting., , The course is part of the hydrocarbon accounting training for Energy Components.,
2013-11	Oil and Gas Measurement - Level 1 - Business This course gives you a brief introduction to how quantities of various hydrocarbon streams are determined., , You will get an overview of common measurement techniques for gas-, liquid- and multiphase- flow and get to know how well production rates are determined and tank levels measured., , The setup for custody transfer meters, considerations around meter calibration, and how to deal with errors and uncertainties are also discussed., , The course is part of the hydrocarbon accounting training for Energy Components.,
2013-11	Introduction to EC - EC Application User This course provides an overview of the Energy Components application user interface, and gives an introduction to the general usage of the system and some basic functionality
2013-08	Allocation (Physical) - Level 1 - Business This course gives an introduction to the fundamentals of physical allocation within the Oil and Gas industry., , ,
2013-08	EC Calculations EC Bootcamp Module
2007-04	PMP Training (Test)
2004-06	Practical Project Steering PPS
2001-11	Test Manager ISEB
2000-11	Java på serveren
1997-09	Siemens NIXDORF, MS FrontPage

REFERENCES

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LANGUAGES

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English

Verbal skills: Flytende Written skills: Flytende

Norwegian - bokmål

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