PATRICK SKJENNUM

PERSONAL INFORMATION

Address: Elvevegen 38, 3071 TRONDHEIM
Phone: +47 90 10 92 01
Date of birth: 1990-01-18
Languages: Norwegian, English

Mail: mail@habitats.no
Website: www.habitats.no
linkedIn: no.linkedin.com/in/patrickskjennum

OBJECTIVE

To achieve relevant first-hand real-world experience through a computer science related sommer internship.

EDUCATION

Norwegian University of Science and Technology – Master of Computer Science (2011 – 2016)
Bjørknes Privatskole – Prerequisites for engineering education (2010 – 2011)
Nannestad VGS – Media and Communication (2006 – 2009)

RELEVANT EXPERIENCE

IT Manager – *Romerike Markiseservice AS* (2008 – current)
- Created and maintained website (HTML, CSS, PHP)
- Overall system maintenance and support

Work placement – *Rayon Visual Concepts* (2008 – 2009)
- front-end web-developer
- Implementation of HTML/CSS from

Freelance
- Various computer-support and management (2007 – current)

GENERAL EXPERIENCE

Layout Manager – Abakus' periodical, *readme* (2012 – current)
- readme.abakus.no

Committee member – Abakus' student organization for Computer Science (2011 – current)

SKILLS

General Computer Science

Technology	Applied	Level of competence
Java	Bigger projects suited for heavy object orientation	Very High
Python	Scripting, algorithms and smaller applications	High
MySQL/SQLite	Database management for calendar application w/Java and web	High
HTML/CSS	Several sites including: www.habitats.no	High
JavaScript	Front-end web-development in conjunction with jQuery	Medium
MatLab	Image-processing and applied mathematics	Medium
OpenGL	Introductory computer graphics	Medium
Android	Developed a TV-guide app	Medium
PHP	Dynamic web-pages, authentication services, contact forms	Medium
C/C++	Used mainly for OpenGL	Low

Other

Technology	Applied	Level of competence
Adobe Indesign	Layout manager for the periodical readme, web-dev mockups	Very High
Adobe Photoshop	Photo editing and web-development	High
Adobe Illustrator	Various	Medium
MS Windows Server	Management, virtualization, Active Directory	Medium
Linux, Ubuntu	CLI server managment	Medium

RELEVANT COURSES

Course		Main topics covered
TMA4140	*Discrete mathematics*	Fundamentals of logic proofing, discrete mathematics and graphs
TDT4110	*Information technology intro*	General programming with Python
TDT4100	*Object oriented programming*	Java and OOP design patterns
TDT4120	*Algorithms and data structures*	Algorithmic programming in Python, sorting, shortest path, P=NP, max flow and more
TTM4100	*Communication Services and Networks*	The 5 layers of the network stack; Application, transport, network, link and physical
TDT4180	*Human-Computer Interaction*	Design principles, user-testing
TDT4140	*Software Engineering*	Software specification, development, validation and evolution,
TDT4145	*Database systems and modelling*	ER-diagrams, SQL, normalization-theory
TDT4136	*Logic and Reasoning Systems*	Fundamentals of artificial intelligence, planning, searching, first order logic and knowledge representation
TDT4186	*Operating systems*	How an OS works at a low level; Memory management, synchronization, IO
TDT4195	*Visual image processing and graphics*	Image processing, visualization, transformation and analysis, modern OpenGL

References available upon request