David Audet

802 - 288 West 1st Avenue
Vancouver, B.C. Canada
V5Y 0E9

604-364-7181
david.michael.audet@gmail.com
http://ca.linkedin.com/in/audetdm/

Objective

Working and learning in an inspiring environment where software development and problem solving skills are applied.

Education

University of Victoria — Victoria, BC
BSc Computer Science with Distinction — *Sep. 2006 - Apr. 2011*

Work Experience

Ericsson — Burnaby, BC
Feature Developer — *April 2013 - February 2014*

Responsibilities:

- Designed, implemented and tested software (Java) for Ericsson's IP Transport Network Management System (IPT NMS) in accordance with feature requirements as part of an Agile development team
- Limited exposure to HTML 5, CSS3 and Javascript while working on Ericsson's Next-Generation Network Management System (<1 month)

Accomplishments:

- Consistently delivered features on time with quality
- Contributing member of the Quality Kanban group; focused on improving the development process and overall development environment

Ericsson — Burnaby, BC
Integration & Verification Professional — *July 2011 - April 2013*

Responsibilities:

- Performed test activities for Ericsson's Network Management software (IPT NMS)

Accomplishments:

- Automated feature tests using an in-house developed test framework using Ruby and Watir WebDriver
- Developed PERL/Shell scripts to manipulate the application's database and simulate network elements for performance and scalability testing

University of Victoria, Department of Computer Science — Victoria, BC
Research Assistant — *Oct. 2010 - April 2011*

Responsibilities:

- Development of a sensor testbed using the Arduino embedded hardware platform
- Performed simulation of algorithms in Matlab for presentation in submitted workshop paper

Accomplishments:

- Submitted workshop research paper that was accepted for IEEE INFOCOM's Green Communications and Networking (GCN) 2011 Conference in Shanghai, China

Alcatel-Lucent Kanata, ON
Software Developer *May 2010 - Aug. 2010*

Responsibilities:

- Designed and implemented a Dynamically-Linked Library (DLL) in C which was used to pull data from a problem tracking system into an Excel spreadsheet

Accomplishments:

- Learned how to create add-ins for use with Excel
- Became more familiar with Visual Basic for Applications (VBA) and the Windows environment
- Gained valuable experience with project management and planning

Enquisite Software Inc. Victoria, BC
Programmer *Jan. 2009 - May 2009*

Responsibilities:

- Helped to develop/test Search Engine Optimization (SEO) tools

Accomplishments:

- Learned and utilized PERL to aid in the discovery of new Search Engines
- Built a small desktop widget in an Adobe Flex environment

Skills

Programming

- Proficient in C, Java, Ruby, PERL and Python programming languages
- Experience with Relational Database Management Systems such as MySQL and PostgreSQL
- Experience with HTML, CSS and Javascript
- Experience with multiple software version control systems: Git, ClearCase, SVN
- Experience using C to solve various systems tasks such as I/O, networking, scheduling and synchronization
- Experience with developing in a Windows environment; i.e. creating DLLs

Agile Software Development

- Experience with Agile/Scrum software development principles and practices

Problem Solving

- Strong mathematical and programming abilities

Testing

- Comfortable in a production test environment

Teamwork and Leadership

- Strong communication and leadership skills

Communication

- Effective communicator in both written and oral English and French

Awards and Accomplishments

Jamie Cassels Undergraduate Research Award 2010

Woods Trust Scholarship 2010

President's Scholarship 2010

Implementation of a reliable data transfer over UDP for CSc 361

- Implemented a Stop-and-Wait data transfer Protocol in C with the reliability of TCP over a connectionless UDP protocol
- Second fastest implemented protocol in the class

Designed and Constructed a Hovercraft for SEng 466

- Using Arduino hardware to create a hovercraft that can be controlled remotely by a gamepad and can autonomously navigate a given course
- Balance of embedded programming and use of hardware to accomplish a problem statement

References

Jonathan Hills
Hardware Engineer
Alcatel-Lucent
600 March Road
Ottawa, ON
Canada, K2K 2T6
Email: jonathan.hills@alcatel-lucent.com
Phone: 613-784-3524

Greg Caws
President and CEO at British Columbia Innovation Council
(Former Vice President of Technology Operations at Enquisite Software Inc.)
Email: gcaws@bcic.ca
Phone: 778-350-5483