Nicolas Primeau

CONTACT

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EDUCATION

BASc in Computer Engineering — September 2011 — April 2015 (Expected)

University of Ottawa

The Computer Engineering Bachelor of Engineering at the university of Ottawa focuses on hardware design and architectures and low-level software such as Assembly and C. The program is broad in scope, with emphasis on electronics, hardware and software design, communication and control.

High school Diploma — September 2007 — June 2011

École Secondaire Franco-cité

- Received awards for best average in calculus, mathematical functions and best average overall
- Received a bursary from the University of Ottawa
- Received a bursary from the Engineering Dean of the University of Ottawa for Excellence

WORK EXPERIENCE

Natural Resources Canada — May 2014 — August 2014

GPS Data Analyst

- Designed and implemented a system to automatically stream, process and validate GPS data
- Created web apps to visualize and graph GPS data
- Automated many tasks and processes

Computing and communications services (uOttawa) — May 2013 — February 2014

Web Development assistant

- Worked on the WebCMS (Drupal 7) project, which involved back-end work (PHP, Nginx, Varnish and server configuration), front-end design (CSS, HTML, JavaScript) as well as other tasks.
- Involved in the launching of the new uOttawa site and other faculty and services sites
- Sample of something I've worked on: http://www.uottawa.ca/

Canadian Tire Corporation — May 2012 — August 2012

Sales Clerk

- Main job responsibilities included customer service and supervising the garden department
- Identify and prioritize tasks needing to be done
- Delegate tasks to others to assure meeting goals set by myself and the upper management

PROJECTS AND COMPETITIONS

uOttawa Coding Competition - Robocode   **February 2013**
- Our team won the competition with our robot 'Brobot'

Personal Website
- Creation and hosting of my own personal, simple website
- Github repo: https://github.com/Nixon-/website

Many other miscellaneous projects
- Explored the possibility of a Python hardware interpreter
- VHDL Library
- AC97 sound transmitter

COMPUTER RELATED SKILLS

Hardware-specific skills:

- Hardware description languages: VHDL
- Low level understanding of computers and architectures
- Experience with micro-controllers and FPGAs (Altera, Xilinx)
- Previously used Altera and Xilinx design tools

Computer languages known:
- Web-specific languages: JavaScript, CSS, HTML, PHP
- Other languages: Python, C, Assembly, Java

Other computer skills :
- Worked with Nginx, Apache and Varnish
- Knowledge concerning networking protocols
- Experience with source control software (Git)
- Worked with Linux (CentOS,Debian), Windows, Chrome OS and Mac OS

QUALIFICATIONS

- G class driver's license
- Completely fluent in French and English
- Member of the IEEE

INTERESTS AND OTHER

- Interested in low-level coding and hardware architectures
- Programming and computer related projects or problems are often discussed with friends
- Hobbies include history, playing music and listening to music, reading, board games and video games