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.

WORK EXPERIENCE

Natural Resources Canada   May 2014 — August 2014
GPS Data Analyst

- Designed 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