Neivin I. Mathew

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Education

University of Guelph   Guelph, ON
Bachelor of Computing, Computer Science   Expected May 2017
GPA: 3.7/4.0

Technical Skills

Languages: Java, C, C++, Python, JavaScript, SQL, Bash, HTML5/CSS3, LaTeX
Frameworks: Android, Node.js, Django, jQuery, JNI
Other Technologies: Git, Subversion, GNU/Linux, macOS, Adobe Creative Suite

Experience

Contracted Web Developer   June 2015 - August 2015
Vertical AI   Kitchener, ON

- Developed the company website on Wordpress, integrating custom plugins according to specification.
- Designed logos, graphics and video content to establish the company's brand identity.

Agile Engineering Intern   May 2012 - August 2012
Xtreme Labs   Toronto, ON

- Worked on the Cineplex Mobile Android app, to refactor the codebase and push updates with major bugfixes.
- Built an internally used Chrome extension that integrated with Pivotal Tracker to allow engineers to efficiently manage agile sprints.
- Created a web application to scrape mobile app stores for app reviews, and showcase them on the developer floor.

Projects

CourseLoad, Python command line tool

- Developed a CLI to automatically download course materials from the university web portal, using a headless browser.

Codemon Trainer, C/Java Application

- Built a state-based parser to compile assembly-like code, and interact with a server.
- Prototyped a design for a GUI and implemented a code visualizer.
- Extended the pseudo-language's functionality by rewriting the parser in Flex/Bison.
- Integrated database connectivity and wrote an self-extracting installation script.

Weatherloo, Google Chrome Extension

- Created a Chrome extension to fetch current weather information and a seven day forecast, and display it in a sleek interface.

Activities and Interests

- Volunteer writer for The Ontarion, the student newspaper of the University of Guelph.
- Student tutor for statistics, discrete mathematics, and linear algebra courses.
- Avid basketball player, and fan of the Toronto Raptors.