

NEIVIN MATHEW



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@neivinM

EDUCATION

University of Guelph, Guelph, ON

Expected May 2017

Bachelor of Computing, Computer Science

Relevant coursework:

- Object Oriented Programming
- Database Management
- Computer Networks
- Analysis of Algorithms
- Operating Systems
- Software Design and Integration

TECHNICAL SKILLS

Languages: Java, C, C++, Python, Bash, SQL, JavaScript, HTML/CSS, LaTeX, MATLAB

Frameworks: Flask, jQuery, Node.js, JNI, Android

Other Technologies: Git, Subversion, Vim, Linux, OS X, Adobe Creative Suite

EXPERIENCE

Contract Web Developer

July 2015

Vertical AI, Kitchener, ON

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

Agile Engineering Intern

Summer 2012

Xtreme Labs (acquired by Pivotal Labs), Toronto, ON

- Worked on the Cineplex 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 employees to efficiently manage stories.
- Created a web application to scrape mobile app stores for reviews of apps developed by the studio, to provide developers with instant feedback.

PROJECTS

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.

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 an animated code visualizer.
- Extended the pseudo-language's functionality by rewriting the parser in Flex/Bison.
- Integrated database connectivity and wrote an application installation script.

Calpurnia, Python script

- Developed an interface to scrape the University of Guelph's website for details of every course, and rapidly lookup course information from the command line.

ACTIVITIES & INTERESTS

- Avid basketball and baseball player, and fan of the Toronto Raptors and Blue Jays.
- Volunteer writer for The Ontarion, the student newspaper of the University of Guelph.
- Amateur photographer and active member of the Guelph Photo Arts Club.