MING-CEE YEE

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Languages

JavaScript (JQuery, Node.js, React), Ruby on Rails, Java (Android), C++, C, PHP, Python, Gawk, Bash

Tools

Mac, Linux, Windows, Git, Mercurial, g++, gdb, Sublime Text, Vim, IntelliJ, Eclipse, Android Studio

Experience

Engineering Co-op Student at Think Research Corporation
Sep–Dec 2016
Toronto, ON
- Added a React modal with disabled fields based on data from the back-end to MedRec app
- Participated in Agile sprint planning
- Connected custom Ruby service to the rest of the MedRec back-end

Software Development Engineer, Co-op at Telogis, Inc.
Jan–Apr 2016
Toronto, ON
- Added custom lane inclusion feature to a route generation service
- Enhanced the usability and aesthetics of an internal data testing tool
- Redesigned a web interface with JQuery UI library for an existing service

Research Assistant at University of Waterloo
May–Aug 2015
Waterloo, ON
- Tutored co-op students in compiler basics
- Developed an abstract syntax tree for generating COMSOL's API code

Web Developer at Public Works and Government Services Canada
May–Aug 2014
Toronto, ON
- Communicated directly with clients to provide web publishing services
- Updated websites with HTML5 and ColdFusion
- Transferred websites to the new government web template

Projects

Calculator in Java *(github.com/mcyee/calculator)*
- Implemented the shunting-yard algorithm to convert infix arithmetic expressions to Reverse Polish Notation

Chess in Java *(github.com/mcyee/chess)*
- Improved cohesion and coupling of project classes
- Wrote concise documentation to improve readability

BioSelection in JavaScript/HTML *(github.com/thadeaus/htn2015)*
- Developed organism collision handler logic
- Contributed to game design

Education

Candidate for **Bachelor of Computer Science**, Honours, Co-op
University of Waterloo
expected 2018

Awards

NSERC Undergraduate Student Research Award — *Apr 2015*

President's Scholarship — *Sep 2013*

Interests

piano, guitar, breakdance, spoken word/rap, photography, calligraphy