

Evan He

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SKILLS

PROGRAMMING

Languages:

C/C++ • Java • Python • JavaScript
Ruby • HTML&CSS • Scala • SQL
Shell • Scheme

Frameworks:

Vue.js • React • Angular.js • Node.js
Express • MySQL • MongoDB
PostgreSQL • Android

Tools:

IntelliJ IDEA • Webstorm • PyCharm
Android Studio • Visual Studio • Vim

Operating Systems:

Windows 10 • Linux Ubuntu • MacOS

EDUCATION

UNIVERSITY OF WATERLOO CANDIDATE FOR BACHELOR IN COMPUTER SCIENCE

Term 3B | Expected April 2020

LINKS

Github: <http://github.com/X9He>

LinkedIn:

<https://www.linkedin.com/in/evan-he-71240a94>

COURSEWORK

UNDERGRADUATE

Artificial Intelligence
Networks
Database Management
Numeric Computation
User Interface
Operating Systems
Algorithms
Data Structures

VOLUNTEERING

As a hardware technician, assembled and troubleshooted hardware independently, by self-teaching and problem solving

EXPERIENCE

FRESHII | FULL STACK DEVELOPER

Jan 2019 – April 2019 | Toronto, Canada

- Improved business analytics by implementing data aggregation from mix panel click tracking, Facebook pixel, mailchimp to be stored on Google BigQuery
- Created new franchising page, login modals and cookie bar and unit tests with Vue.js and Jest for Freshii.com
- Improved Freshii SEO strategies by implementing structured data, site maps and meaningful URL naming to Freshii.com

MUNCHTIME | FULL STACK DEVELOPER (PART TIME)

Feb 2018 – Oct 2018 | Waterloo, Canada

- Created page for drivers to accept/refuse new orders and monitor status of accept orders
- Created page to display business statistics by querying MongoDB and aggregating results based on user requirements
- Improved delivery history page loading time by 20% by implementing pagination
- Added cron jobs in back-end to reset food delivery status in case of timeout

HUAWEI TECHNOLOGIES | ANDROID DEVELOPER

June 2017 – Sep 2017 | Wuhan, China

- Sped up XML conversion time between different languages from two days to two hours by implementing a XML parser and converter using Java and Swing
- Added support for right to left languages for internal android application
- Conducted code reviews and fixed bugs such as cyclomatic complexity, multi-threaded correctness, and malicious code vulnerabilities
- Created design documentation and feature proposals

PROJECTS

ROAD TRIP PLANNER | REACT ON RAILS WITH POSTGRESQL AND GRAPHQL (IN PROGRESS)

- Plans out the most efficient daily trip schedule given a list of locations, mode of transportation and other preferences

DOODLE BOARD | JAVA

- Created a java program using Swing for drawing shapes and lines
- Drawings are recorded with in real time and can be played back, skipped forward and back, and randomly sought

WEB CRAWLER | PYTHON

- Created a web crawler using python, which returns all embedded urls in a web domain specified by a user

DUNGEON CRAWLER | C++

- Created a bash terminal based dungeon crawling rogue like game with two other teammates, gained valuable OOP and design pattern experience