Benjamin Ju

2A Computing and Financial Management

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Technical Skills

Development Languages: C, CSS, HTML, Java, JavaScript, Scheme, SQL

Tools / Frameworks: Angular, Docker, Git Lab, Kubernetes, Node.js, Swagger API

Work Experience

Investment Developer – Equitable Life of Canada, Waterloo, Ontario   January 2019 – Present

- Integrated various automation jobs into an established Job Process control centre including bmo_parse, Bloomberg_position_feed, and surplus_fixed_income
- Completed full code refactor for inefficient legacy code, reducing total amount of lines by 50%
- Set-up automated rules within outlook for scheduled incoming emails using VBA
- Tested and fixed bugs within projects, utilizing debugger and unitized testing within PyCharm

Blockchain Intern – NxM Labs, Toronto, Ontario   May 2018 – August 2018

- Developed *Explorer* with the Blockchain team using **Angular**, completing V1.1
- Added additional features and endpoints to *API Service* using **Swagger** and **SQL**
- Developed *Faucet* as a source of ether for users using **Swagger**
- Deployed *BaaS* components (Explorer, API Service, Faucet) using **Docker** and **Kubernetes**
- Tested, identified bugs, documented, and fixed all bugs in projects
- Completed 4 milestones, resolved 37 issues, merged 67 merge requests, and had 566 contributions within the Blockchain as a Service project

Lifeguard and Instructor – Centennial Pool, Richmond Hill, Ontario   January 2016 – August 2017

- Introduced and taught new swimming techniques and corrected existing ones for swimmers resulting in an overall improvement in swimming ability for all students
- Critiqued swimmers, providing both positive and constructive feedback
- Assisted patrons with their needs, providing positive customer service

Projects

Home – React Native and Node.js

- Designed and developed an **Android app** and pitched start-up idea to StarterHacks judges
- Developed functional Android app using **React Native**, **Node.js**, and **Android Studio**
- Designed intuitive wireframes for application interface using **Figma**
- Presents an interactive interface where users can filter the food they want to eat and lists all available options, taking user to an information page with order form

Education

Candidate for Bachelor of Computing and Financial Management   September 2017 – Present
University of Waterloo   Waterloo, Ontario

Awards: CFM Entrance Scholarship, President's Scholarship

Interests: Blockchain, Equity Trading, Finance, Martial Arts, Reading, Swimming