Benjamin Ju

Computer Science and Finance Student at University of Waterloo

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Technical Skills

Development Languages: GoLang, Java, Python, Racket, Typescript

Tools / Frameworks: AngularJS, AWS, Docker, GitHub, GitLab, GoLand, PostGresSQL, PyCharm, SwaggerAPI, Web Flask

Markup / Styling Languages: Bootstrap, CSS, HTML, Markdown

Work Experience

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

- Completed multiple code refactors for legacy code, *reducing total amount of lines and runtime by 40-50% and 30-90% respectively,* organizing code, and adding meaningful documentation
- Automated portfolio updates and mapping to Bloomberg machine through SFTP
- Developed *Resource Monitor*, an automated, development environment, functionality error check
- Developed *Cash Flow Projection,* projecting company future cash flows for all asset classes
- Created *Portfolio Metrics*, a spreadsheet tool for the Capital Markets team, utilizing *array formulas*
- Tested and fixed bugs within all projects, utilizing debugger and unitized testing within PyCharm

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

- Developed *Blockchain Explorer* using *AngularJS*, an interactive interface of company blockchain
- Added features and endpoints to the *RESTful API* using *SwaggerAPI* and *PostGresSQL*
- Solely developed the *Faucet* project using *SwaggerAPI*, providing users a source of ether
- Deployed *Blockchain as a Service* project using *Docker* and *Kubernetes*
- Completed 4 milestones, resolved 37 issues, merged 67 merge requests, and had 566 GitLab contributions within the Blockchain as a Service project

Projects

GoJournal (In Development) – GoLang   May 2019 – Present

- Command-line user application for financial accounting throughout the entire accounting cycle

Benjamin-Ju (www.benjaminju.me) – AngularJS   April 2019 - Present

- Designed personal portfolio using *AngularJS* and *Bootstrap Components*
- Developed *Notes*, a compilation of personal book and coding notes in an organized library
- Developed *Activity Log*, an interactive interface using *Datepicker* for activity and expense tracker

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, Health and Fitness, Martial Arts, Psychology, Reading, Equity Trading