

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, Docker, GoLand, PostgresSQL, PyCharm, SwaggerAPI, Web Flask

Markup / Styling Languages: CSS, HTML, Markdown

Work Experience

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

- Developed Cash Projection job, projecting future cash flows (interest payments and maturities)
- Automated process to upload and map portfolio updates to Bloomberg through SFTP
- Completed full code refactor for repetitive legacy code, reducing total amount of lines by **50%**
- Tested and fixed bugs within projects, utilizing debugger and unitized testing within **PyCharm**
- Created 'Portfolio Metrics' Excel file utilizing Excel's SQL Database Query and **array formulas**

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

- Developed *Explorer* with the Blockchain team using **AngularJS**, 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 **SwaggerAPI**
- Deployed *BaaS* components (Explorer, API Service, Faucet) using **Docker** and **Kubernetes**
- Completed 4 milestones, resolved 37 issues, merged 67 merge requests, and had 566 contributions within the Blockchain as a Service project

Projects

GoJournal (In Development) – GoLang May 2019 - Present

- Developed application for financial accounting, going through all steps of the accounting cycle
- Integrated journal entry system, utilizing mappings and interfaces
- Developed computation and parsing to create financial statements from journal entries

Benjamin-Ju – AngularJS April 2019 - Present

- Designed personal website using AngularJS and Bootstrap Components
- Compiled personal collection of book and code notes (Outliers, 12 Rules of Life, Docker, etc)
- Utilized Calendar Component to display personal schedule and expense history on selected date

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