

# Benjamin Ju

Computer Science and Finance Student at University of Waterloo

☎ 647-875-1271 | ✉ [b2ju@uwaterloo.ca](mailto:b2ju@uwaterloo.ca) | 🌐 Benjamin-Ju |  [benjaminju](#) | 🏠 [www.benjaminju.me](http://www.benjaminju.me)

## Technical Skills

---

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

**Tools / Frameworks:** Angular, Docker, GoLand, PostGresSQL, PyCharm, SwaggerAPI, 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](http://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