

# Benjamin Ju

Computer Science and Finance Student at University of Waterloo

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## Work Experience

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### Investment Developer

Equitable Life of Canada

January 2019 – Present

Waterloo, Ontario

- Developed several projects, automating trade ticket processing and improving accuracy in projecting company future cash flows in **Python and Flask**
- Completed multiple code refactors on legacy code, **reducing total amount of lines and runtime by 40-50% and 30-90% respectively**
- Tested and fixed bugs within all projects, utilizing debugger and unitized testing within PyCharm

### Blockchain Developer

NxM Labs

May 2018 – August 2018

Toronto, Ontario

- Developed an interactive interface of company's blockchain using **Angular**
- Added endpoints to RESTful API using **SwaggerAPI and PostGresSQL**
- Deployed company blockchain 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

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### GoJournal – GoLang

May 2019 – Present

- Command-line user application for financial accounting to create Trial Balances

### Benjamin-Ju Full Stack – benjaminju.com

April 2019 - Present

- Designed personal portfolio and website using **Angular and Bootstrap** components
- Developed RESTful API to track expenses and daily activity log using **Python and PostGreSQL**
- Compiled personal book and coding notes into an organized library

## Technical Skills

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

**Tools / Frameworks:** Angular, Docker, GoLand, PostGresSQL, PyCharm, SwaggerAPI, Flask

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

## Education

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### Candidate for Bachelor of Computing and Financial Management

University of Waterloo

September 2017 – Present

Waterloo, Ontario

**Interests:** Blockchain, Health and Fitness, Martial Arts, Psychology, Reading, Equity Trading