Benjamin Ju

Computer Science and Finance Student at University of Waterloo

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Work Experience

Machine Learning Developer　　　　　　　　　　September 2020– December 2020
Wysdom.AI　　　　　　　　　　　　　　　　　　　　　Richmond Hill, Ontario

- Developed scripts to clean and organize raw chatbot data using **Python**
- Utilized aggregation pipeline for database queries and scripts in **PyMongo**
- Added visual features and fixed issues in **Vue** with **CSS**

Investment Developer　　　　　　　　　　　　　　January 2019 – April 2020
Equitable Life of Canada　　　　　　　　　　　　　　　　　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　　　　　　　　　　　　　　　May 2018 – August 2018
NxM Labs　　　　　　　　　　　　　　　　　　　　　　　　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**

Projects

GoJournal – GoLang

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

Benjamin-Ju Full Stack – benjaminju.com

- 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

Development Languages: Python, GoLang, Java, Scheme

Tools / Frameworks: Angular, Docker, MongoDB, PostGres, PyCharm, SwaggerAPI, Flask, Vue

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

Education

Candidate for Bachelor of Computing and Financial Management　　Expected April 2023
University of Waterloo　　　　　　　　　　　　　　　　　　　　Waterloo, Ontario