

# BRANDON WENG

wengbrandon@gmail.com – +16479951678 – brandonweng.com

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## EDUCATION

**University of Waterloo**  
BCS - Computer Science & Finance

Sept 2015 – Present

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## SKILLS

- Languages: Javascript, Python, C/C++, Java, Scala
- Tools & Frameworks: Nodejs, SQL, MongoDB, Spring, Tableau, Spark, Hadoop
- Courses: Machine Learning, Artificial Intelligence, Big Data, Algorithms, Operating Systems

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## EXPERIENCE

### Xero

May – Sept 2018

Software Engineering Intern

- Worked on the Hubdoc product, developed and maintained over 700 micro-services in Node.js
- Implemented an internal access web-app using Express, Backbonejs and PostgreSQL
- Developed new system to resolve long-standing issue, brought in customers with over 500MM in assets
- Received companywide recognition from management for efficiently resolving a large number of issues

### National Bank Financial

May – Dec 2017

Financial Engineering Intern

- Developed real-time ETL systems feeding security depositories trade details using Python, and Spring
- Implemented trading strategies and analyzed historical trade statistics for financial statements
- Designed and optimized data pipelines feeding electronic trading platforms, data warehouse, and BI tools
- First intern to receive an end of work term bonus due to outstanding work ethics and work quality

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## PROJECTS

### Little Eats Delivery

Found a food resale service that took advantage of market arbitrage opportunities with 53% gross margin

### PadEvo.info - Nodejs, Angular, MongoDB

Data management tool for the game “Puzzle and Dragons”, with 1000+ users and 97% user satisfaction

### Theorem-eter - Flask, CockroachDB, OCR, Swift

Hack the North iOS project using Optical Recognition to predict mathematical theorems and definitions

### Yelp, I'm Hungry Express

Facebook Messenger chatbot that provides restaurant suggestions based on various user preferences