

# Brendan Zhao

🌐 brendanzhao.com

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🐱 github.com/brendanzhao

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## 📊 Skills

**Languages:** Proficient at Python, C# and SQL with exposure to Java, JavaScript, PHP, C++, HTML5, CSS3

**Frameworks:** Bottle, Mako, SQLAlchemy, Spyne, .NET, QCode, Bootstrap, PureCSS, jQuery

**Tools:** Windows, Unix, OSX, Visual Studio, Eclipse, Vim, Sublime, Git, SVN, Jira, Pivotal, Jenkins + more

## 👜 Work Experience

### Minted

Spring 2014

*Software Engineer Intern – Fulfillment Team*

San Francisco, CA

- Worked on the development of a completely new REST API to streamline integration with new printers
- Updated legacy SOAP service used to handle their self-serve phone calls
- Developed a series of internal tools to expedite the multiple different fulfillment workflows
- Worked as part of the on-call rotation where I addressed and fixed various live production issues
- Skills: Python, PHP, JavaScript, SQL

### IBM

Fall 2013

*Software Developer Intern – Netezza Team*

Toronto, ON

- Worked on a massive project to re-architect the backend of their big data analytics suite, IBM Cognos.
- Optimized their data publishing tool throughput by 85% through performance profiling and query reduction
- Skills: C#, Java, SQL

### Trans Plus

Winter 2013

*Software Developer Intern*

Guelph, ON

- Helped overhaul a prototype web application to adapt to changing software requirements
- Co-developed an automated error reporting system with a GUI integrated as a Visual Studio extension
- Developed internal software to generate UML class diagrams by selection of a file
- Skills: C#, JavaScript, SQL

## 📖 Education

### B.A.Sc. Candidate for Computer Engineering – University of Waterloo

Expected Graduation: May 2017

- Elected as First Year Engineering Society Class Representative
- Co-Directed the Spring 2013 Engineering Society Cardboard Boat Race
- Volunteer mechanic and supervisor at the UW Bike Center during Fall 2012
- Orientation week leader for the Fall 2014 Frosh

## 🔗 Other Technical Experience

### Side projects

- Tweeter Totters – Interactive Twitter desktop application written in C# WPF
- Monkey Dash – Endless runner game written in Java
- League of Trivia [In dev] – Only infrastructure work done: Vagrant, shell provisioning, Nginx, uWSGI, Django

### Algorithmic Programming

- Google Code Jam – Competed in 2014 and have completed various problems as practice
- Project Euler – Completed over 40 problems in a mixture of Java and Python

You can view these projects and algorithm solutions (and more) at: 🐱 [github.com/brendanzhao](https://github.com/brendanzhao)