



# Brendan Zhao

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 [github.com/brendanzhao](https://github.com/brendanzhao)


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## Education

 **B.A.Sc. Computer Engineering Co-op - University of Waterloo** Sept 2012 - Apr 2017

- Relevant Courses: Distributed Computing, Computer Security, Operating Systems, Compilers, Networks, Cooperative/Adaptive Algorithms, Algorithms and Data Structures, among others
- Cumulative average of ~80%


## Work Experience

 **Uber - Software Engineer Intern** Sept 2016 - Dec 2016

- Launched a new micro-service to aggregate new dispatch constraints from across different services into one central service, and then integrated the service and those constraints into Uber's intelligent dispatch network
- Worked across 7 different services to implement various features and tasks including vehicle trait filtering, supply candidate filtering, order ETD/ETA retrieval, grafana generation, pagerduty alert generation, various data piping across services, and also running an a/b experiment for ETD aware order batching

 **Twitter - Software Engineer Intern** Sept 2015 - Dec 2015

- Developed multiple new UI components including wide profile cards, and top Tweet galleries
- Launched a new set of search result pages that displays extra information for point of interests
- Implemented multiple enhancements to the Moments web experience including the addition of tweet statistics, pivot reductions, logged out moments tab, sharing, and the Moment cover side-rail
- Overhauled and normalized the entirety of all client and server-side scribing for the Moments web experience

 **Yelp - Software Engineer Intern** Jan 2015 - Apr 2015

- Independently launched the new Elite Renomination workflow for Elite users at [yelp.com/elite/renominate](http://yelp.com/elite/renominate) as well as the internal admin workflows to handle the new process
- Re-wrote their internal bulk email export tool into modular components while adding non trivial features such as support for their biz app users, filter type logging, inline input, and inline downloads
- Other minor projects including simplifying the email subscriptions page, and creating new city setup scripts

 **Minted - Software Engineer Intern** May 2014 - Aug 2014

- Implemented core functionality of a new REST API to handle post-order systems including order cancellations, shipping modifications, and printer rejections
- Integrated automatic Salesforce case creation in the fulfillment systems to drive customer support workflows
- Other minor projects including developing a series of admin tools to aggregate order data, updating the self-serve phone API, and implementing rush shipping for their Father's day promotion

 **IBM - Software Developer Intern** Sept 2013 - Dec 2013

- Worked on infrastructure projects to transition data stores to Netezza from Microsoft SQL Server

 **Trans Plus - Software Developer Intern** Jan 2013 - Apr 2013

- Worked on backend projects to to support a new automated error reporting system

## Skills

Languages: Python, Golang, Javascript, and Scala with exposure to Java, C#, C++, C, PHP, SQL, HTML, and CSS

Tools of choice: Mac OSX, Sublime, Vim, IntelliJ, Git, Jira, Phabricator, Reviewboard, Jenkins, and Grafana among others

\*\*\*\*\*Complete University of Waterloo Transcript and Co-op/Internship evaluations available on request