

## Education

- **Massachusetts Institute of Technology** Cambridge, MA  
*SB - Computer Science, minor - Mathematics* Sep. 2014 - Jun. 2018
    - Relevant courses: Design and Analysis of Algorithms, Artificial Intelligence, Elements of Software Construction, Computation Structures, Advanced Natural Language Processing, User Interface and Design, Computer System Engineering, Theory of Computation, Performance Engineering of Software Systems
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## Work Experience

- **Rev.com** Austin, TX  
*Software Engineer Intern - Speech Team* Jan. 2018 - present
    - Work on improving capitalization accuracy in the speech recognition pipeline.
    - Write new tests and generate metrics to measure improvements made in each iteration.
  - **Microsoft** Redmond, WA  
*Software Engineer Intern - Universal Store* Jun. 2017 - Aug. 2017
    - Researched machine learning algorithms to intelligently route payment transactions for higher approval rates.
    - Designed routing infrastructure allowing custom configurations to gather unknown data.
  - **Socedo** Seattle, WA  
*Software Engineer Intern* Jan. 2017
    - Designed and implemented a data migration project from Azure storage table to Elasticsearch to allow for more efficient querying and indexing.
  - **WePay** Redwood City, CA  
*Software Engineer Intern - Core* Jun. 2016 - Aug. 2016
    - Backend development and migration of Bill.com service from monolith code (PHP) to microservices (Java).
    - Added new feature to improve usability by automating check cancellation, reducing from 5 steps to 1 step.
    - Improved monitoring of traffic in microservice by adding metrics through Grafana.
  - **DIRECTV** El Segundo, CA  
*Software Engineer Intern - User Experience* Jun. 2015 - Aug. 2015
    - Developed proof of concept for far field voice command integration with DIRECTV set top box.
    - Optimized Android application to increase battery life by migrating to background service.
    - Created set top box user interface to display machine vision data to create a more personalized viewing experience.
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## Skills

Java, Python, C#, C/C++, PHP, HTML, CSS, Javascript, SQL, Git, UNIX,  $\LaTeX$ , MATLAB, Solidworks