

Education

Massachusetts Institute of Technology

S.B. expected 05/2017

Double major in Computer Science and Literature with coursework in machine learning, user interface design and development, and algorithm design. Cumulative GPA: 4.8/5.0

Worcester Polytechnic Institute

Dual enrolled 08/2012 – 05/2013

Coursework in program design and object-oriented and systems programming. Cumulative GPA: 4.0/4.0

Work Experience

SessionM

Software Engineering Intern 08/2015 – present

Development and maintenance of mobile and desktop advertisements and ad-serving infrastructure.

Ruby on Rails, HTML5, CSS, Javascript, jQuery, MySQL, Git

LinkedIn

Web Developer Intern 05/2015 – 08/2015

Email development and design, development, and quality assurance of the new ConnectionSuggester module.

Java, JSP, HTML5, SASS, Javascript, Backbone.js, Selenium, SVN

Bridj

Software Engineering Intern 08/2014 – 02/2015

Development and maintenance of mobile apps and backend and frontend services for a pop-up mass transit system and data instrumentation and analysis.

Android, iOS, Ruby on Rails, HTML5, CSS, Javascript, Node.js, MongoDB, MySQL, Git, NewRelic

MongoDB

Software Engineering Intern 05/2014 – 08/2014

Development and maintenance of MMS, the user-facing MongoDB cloud deployment management system.

Java, JSP, HTML5, Less, Javascript, Backbone.js, MongoDB, Git

The Seung Lab (MIT)

Undergrad Researcher 09/2013 – 05/2014

Development and maintenance of Eyewire, a web-based citizen science project to crowd-source neuron image processing.

PHP, HTML5, CSS, Javascript, MySQL, Git

Litle & Co.

Software Engineering Intern 05/2013 – 08/2013

Development of open-source, high-performance SDKs for third-party developers interfacing with a credit card payment processing platform.

Java, Ruby, Salesforce, PHP, Groovy on Rails, Git

Checkerboard, Ltd.

Software Engineering Intern 06/2012 – 03/2013

Development of a web-based consumer platform for invitation and RSVP management of physical invitations for weddings and parties.

Java, Spring, JSP, HTML, CSS, Javascript, Ext.js, Git

Technical Skills

Agile and pair-based software development, with professional experience in test-driven development, Scrum, Kanban, and continuous integration

Frontend web development with HTML5, CSS, Javascript, Backbone.js and Marionette, jQuery, ExtJS, Bootstrap, JSP, Less, SASS, Grunt, and Bower

Backend web development with Node.js, Ruby on Rails, Spring, Java EE, Groovy on Rails, PHP, Sinatra, and Flask

Database schema design and development with MongoDB, SQL (MySQL, PostgreSQL, and DB2), and Redis

Professional programming in Java, Javascript, Ruby, PHP, Python, and Groovy and academic experience with C/C++ and LISP derivatives

Development for Android and iOS (web and native), web accessibility, and bitcoin and blockchain technologies