

# JARED HOLZMAN

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## EDUCATION

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### University of Massachusetts Amherst

September 2015 - May 2019

#### B.S. IN COMPUTER SCIENCE

- Overall GPA: 3.8
- Made Dean's List every semester for achieving above a 3.50 semester GPA.
- Received Chancellor's Award Scholarship for strong academic and personal achievements.

## SKILLS

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- Proficient with: Javascript (ES2016), ReactJS, Java, Python, Redux,
- Experience with: Scala, C++, Hack, Spring Boot/Web/MVC, SQL, Bash,  $\text{\LaTeX}$
- Tools: git, Mercurial, AWS, Node/NPM

## EXPERIENCE

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### Facebook

May 2017 - August 2017

#### SOFTWARE ENGINEERING INTERN

*Menlo Park, CA*

- Created a new UI within Nuclide (Facebook's IDE built on top of Atom) that enabled developers to manage their temporary development servers.
- Enabled proactive server expiration by monitoring developer activity within Nuclide and improved error handling on server disconnect.
- Built a generic notification channel between temporary development servers and Nuclide clients, allowing servers to communicate their state to the currently connected client.

### CS 220 Programming Methodologies

January 2017 - May 2017

#### TEACHING ASSISTANT

*Amherst, MA*

- Co-lead two discussion sections, held office hours, and answered student questions on the class's online forum.
- Worked with six other TAs and the instructor to improve projects and the discussion sessions to better suit students needs.

### SmarterTravel, A TripAdvisor Company

May 2016 - August 2016

#### SOFTWARE ENGINEERING INTERN

*Boston, MA*

- Worked with the SmarterAds team to develop an admin web application for their syndicated ad network. Designed and created an intuitive UI with React.js that consumed a RESTful API using Spring Boot/Web/MVC on top of a MySQL database for easy management of ad placements across partner sites.
- Implemented an application for the Tripadvisor Intern Hackathon that could recommend Boston attractions for users based on their past review history using collaborative filtering. Collected and analyzed review data, exposed the functionality of the application through a RESTful API using Flask, and built out a UI on top of the API using Bootstrap 3 and GoogleMaps API.

## HONORS & AWARDS

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### 1st Place AWS, 1st Place Documentation, Overall Finalist

October 2016

#### HACKUMASS IV

- Developed a working application in thirty-six hours that can generate poems from images using genetic programming and Clarifai's image classification API. Implemented the frontend with ReactJS and Redux, the RESTful API using Spring, and sentiment analysis using the StanfordCoreNLP libraries.

### 3rd Place Finalist

November 2016

#### HACKHOLYOKE 2016 HACKATHON

- Developed a working application in twenty four hours that can generate a video of Obama saying a user provided phrase. Created the RESTful API using Spring and user interface with a video player using ReactJS.

### 1st Place AWS, 1st Place Groupon, 2nd Place Overall

November 2015

#### HACKHOLYOKE 2015 HACKATHON

- Developed a working application in twenty- four hours that can provide UMass and Holyoke students personalized daily email digests of allergy safe foods to eat at each campus dining hall. Implemented the RESTful API, Email Generation Logic, and Database I/O.