

JARED HOLZMAN

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EDUCATION

University of Massachusetts Amherst
B.S. IN COMPUTER SCIENCE

September 2015 - May 2019

- 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

- Proficient with: C++, Javascript (ES2016), Python
- Experience with: Java, ReactJS, Scala, Hack, Spring Boot/Web/MVC, Redux, SQL, L^AT_EX
- Tools: git, Mercurial, AWS, Node/NPM

EXPERIENCE

Facebook

May 2018 - August 2018

SOFTWARE ENGINEERING INTERN

Seattle, WA

- Worked as part of Realtime Monitoring team on time series query engine
- Performed experiments and data analysis to understand query performance characteristics
- Added logic to distribute query processing across multiple machines to enable larger queries in an easily scale-able fashion

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.

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

1st Place AWS, 1st Place Documentation, Overall Finalist
HACKUMASS IV

October 2016

- 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 front-end 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
HACKHOLYOKE 2015 HACKATHON

November 2015

- 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.