Alex Yu

Github: AlexYucs **Website:** http://alexyucs.com/

Education:

University of Maryland, College Park — May 2018
Computer Science B.S.

Skills:

Skills: Java, Python, Ruby, Node.js, MySQL, MongoDB, C, C++, HTML/CSS
Other: ReactJS, Selenium, CloudForge, GIT, SVN, REST API, Linux, Maven

Experience:

Liberty Mutual — August 2018 – Present
Technology Associate

- Worked with team to deploy a ReactJS site for product A/B testing.
- Connected ReactJS app to a backend Express server using REST API.
- Provided session tracking using a Redis cache and a Redux store.

Liberty Mutual — June 2017 – August 2017
Software Innovation Intern

- Added export CSV functionality to Electronic Content Management System (eCMS) through HTTP request calls to microservices.
- Repaired deprecated microservices for eCMS using Node.js and Java.
- Made UI changes with ReactJS to improve insurance map site usability.
- Wrote automated testing using Jest and Sinon.

LinksMedia, Rockville, MD — June 2016 - August 2016
System Administrator and IT Intern

- Updated the company website using Html and CSS.
- Addressed potential network security issues.
- Presented a comprehensive strategic IT plan.

Interi Systems, Columbia, MD — July 2014 – August 2014
HUD Designer and Programmer

- Implemented an Arduino application to transfer and record system information of RC cars using UDP.
- Developed a 3D rendering of the vehicle using Python and raw accelerometer data.

NASA Zero Robotics — August 2013-June 2014
Lead Programmer

- Developed C code that placed us top 10 of the 2D national competition.
- Optimized algorithm options ensuring the code passed size regulations.

Projects:

Yield Curve Tracker- Used Node.js and Electron to track Treasury Bill yield curve rates in a desktop application.

Zork Text Bot- A Python application that uses SMTP and IMAP to connect to a Gmail server and communicate with a phone number to play a text based game.

Awards:

National Merit Scholarship — 2014-2018
University of Maryland Honors Citation — 2017