Alex Yu

Website: http://alexyucs.com/

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Education:

University of Maryland College Park   Spring, 2018
Computer Science B.S.
GPA: 3.40

Skills:

Languages: Java, Python, Ruby, Node.js, MySQL, C, C++,HTML, CSS
Other: JIRA, CloudForge, GIT, Unix Shell, TCP/IP, Linux (Ubuntu)

Experience:

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:

For more implementations, visit https://github.com/AlexYucs

Chrome Dictionary Extension- A Javascript extension that allows the used to highlight and hover a word for its definition

Recipe Roulette- A Python bot on FB messenger that takes recipe requests and returns a random recipe with a list of its ingredients

Awards:

North American Zero Robotics Finalist   2014
National Merit Scholarship   2014-2018
University of Maryland Honors Citation   2017