Jennifer Liu

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Work Experience

RailComm - Embedded Software Engineer Intern
Aug - Dec 2017 | Fairport, NY

Orient Overseas Container Line - Systems Engineer Intern
Summer 2017 | Sha Tin, HK

Evaluated the potential of Object Store, and how it could bring business value to the company. Researched two types of Object Store (CEPH vs. SWIFT). Created a Web application using Mean Stack to demonstrate how Object Store will be better than FTP. Wrote a program that does web logic log analysis using Splunk. Enabled Flask Caching in Whizz (a centralised software for accessing custom APIs, written using Flask and Python)

Student Lab Instructor for Computer Science for AP
Fall 2016 | Rochester , NY

Spent 4 hours each week assisting students while they work on difficult Algorithm related problems. Spent 2 hours each week at the tutoring centres helping students with various Computer related questions. Helped professor grade student's work within the server. Wrote several bash scripts, and used grep and many other linux commands to expedite the grading process

Pan United Corporation - Intern
Summer 2014 | Singapore

Co-developed a software that sends weekly notification about company's expenditure, revenue, and inventories information using SQL, and Visual Studio. Helped clone company's company and do software update.

Self-Employed
2014 - 2015 | Northfield, MA

Started my own company at school to help students repair their smartphones (hardware - i.e screen crack, muffled speakers etc..) for a fee

Education

Rochester Institute of Technology
B.S In Computer Science
Rochester, NY | Expected May 2020

Recognition

Rochester Institute of Technology Merit Scholarship

Rochester Institute of Technology Dean's List
4/4 Semesters

Skills

Programming Skills:
C, Java, Python, SQL, HTML, CSS, Javascript, Bash Script, Node.js, PHP, Swift

Operating Systems:
Linux, Mac OSX, Windows

Frameworks:
Django, JQuery, Flask, SASS

Software:
Azure, AWS, Splunk, Docker, Jupyter, Mongo

Hardware:
Arduino, Rasberry Pi

Selected Projects

SMIF - Smart Meals, Intelligent Fridge
1st Prototype Completed | Participated ImagineRIT Deslter Health Challenge

An IOT device aimed to make food management a breeze for users. It informs user when food is about to expire, and it generates recipes based on what is in the fridge. (More information can be found on personal site)

Appointment Made Easy
2017

Allow clients to schedule a doctor's appointment using their mobile/computer on the Go. All appointment can be viewed on Doctor's Calendar. Additionally, it informs doctor how many patients were registered within a given hour.