

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

- Worked on Cloud Computing (SaaS) with Swift and CEPH (2 types of Object Store)
- Pitched the benefits of using Hybrid Cloud Service (S3, Azure, Swift) as a Filesystem/Storage System in Pivotal Cloud Foundry
- Goal was to use Swift to support the Pivotal Cloud Foundry Team (PaaS)
- Explained how this will enforce DevOp practice
- Wrote a Data Analytic Program with Splunk that categories log errors

<https://drive.google.com/drive/folders/0B-zf16oS-5LWdG1wSnVoZlpnMlk?usp=sharing>

Student Lab Instructor for Computer Science for AP

Fall 2016 | Rochester, NY

- Spent 4 hours each week coaching student as they work through difficult Algorithm problems in Python and Java
- Wrote Bash Scripts to expedite grading process inside RIT's Linux Servers

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.

iPhone Engineering Start Up

2014 - 2015 | Northfield, MA

- Fixed over 30 iPhones (20 Screen Cracks, 5 Volume Button Issue, 5 Battery Failure)
- Profited \$30 USD for each unit

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, Raspberry Pi

Operating Systems:

Linux, Mac OSX, Windows

Areas:

Cloud Computing (SaaS, Paas - OpenStack, Pivotal Cloud Foundry)
Data Analytics (Splunk, Elastic Search, Kibana)
Database - NoSQL (MongoDB), SQL (MySQL, Redis), Cloud Services (AWS, Azure)

Selected Projects

SMIF - Smart Meals, Intelligent Fridge 2017

1st Prototype Completed | Participated ImagineRIT Deslter Health Challenge

- An IOT device aimed to make food management a breeze for users.
- Informs user when food is about to expire,
- Generates recipes based on what is in the fridge
- Automatic Object Detection with Machine Learning
- Uses Web Scraping technology to computer

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