

Jennifer Liu

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Online Portfolio: <https://jenniferliu1272.github.io/cs-personal/>

Education

Expected May 2020 Rochester Institute of Technology, Rochester, NY
Bachelor of Science: Computer Science
Minor: Web & Mobile
Merit Scholarship Recipient
Dean's List Fall 2015, Spring 2016, Fall 2016
GPA: 3.75/4.0

Courses: Computer Science I & II, Principles of Data Management, Introduction to Software Engineering, Web & Mobile I, Mechanics of Programming, Project Based Calculus I & II, Discrete Mathematics for Computing, Intro to Cryptography, Intro to CS Theory

Skills

Programming Skills

- Programming Languages: C, Java, Python, SQL, HTML5, CSS, Javascript, Bash Script, PHP, Swift
- Operating Systems: UNIX/Linux, Mac OSX, Windows
- Frameworks: Django, JQuery, SAAS
- Technologies: Version Control (Git, SVN), MySQL, XCode, Raspberry Pi, Docker, AWS Cloud Service

Software

- Adobe Photoshop, Eclipse, IntelliJ, Pycharm, Sublime, MySQL workbench, Vim

Languages

- Fluent in English (can read, write, speak)
- Can read, write Chinese (Cantonese and Mandarin)
- American Sign Language (Intermediate)

Experience

RailComm August – Dec 2017 Fairport, NY

- Embedded Software Engineer

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

- Spent 4 hours each week assisting students while they do their problem solving
- An additional 2 hours of mentoring students at the tutoring center
- Responsible for grading student's work

Pan United Corporation Summer 2014 Singapore

Internship for the Technology Department

- Co-developed a software that sends weekly notifications about company's weekly expenditure, inventories, and revenue information
- Helped ensure that companies' software is the most optimal by cloning them

Self-Employed 2014-2015 Northfield, MA

Repaired Smartphones

- Started my own company at school to help students repair smartphones (hardware) for a fee

Projects

SMIF – Smart Meals, Intelligent Fridge (Project in Progress) 2016-2017

- Building a smart fridge application to promote healthier living, entry product for ImagineRIT and Destler Health Challenge
- Detects items in the fridge and notifies user when it is about to expire
- Suggests recipes based on the food that are available in the fridge
- Uses PIR Sensor, Raspberry Pi, Amazon Echo, Machine Learning Technology

Book Selling Site 2016

- Built using Django, Saas, CSS, Html
- Allows user to sell/book and buy used textbooks
- Generate a wish list for products to be purchased in the future

TEDxRIT Website 2016

- A website to promote the event TEDxRIT
- Hosted website using personal Linux Server
- <http://tedxrit.com>

Activities/Competitions

- BigRed//Cornell, BrickHack Hackathon, ImagineRIT, Microsoft Puzzle Challenge
- Marketing Committee at TEDxRIT
- No Voice Zone (RIT club for interacting with hard of hearing, deaf, and speaking individuals using ASL)