

# Chiyong Jeffrey Lii

## SOFTWARE ENGINEER

### CONTACT



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[www.linkedin.com/in/clii01/](http://www.linkedin.com/in/clii01/)



[www.github.com/lii2/](http://www.github.com/lii2/)

Note: I am a US citizen, and will never require sponsorship to work in the US.

### EDUCATION

M.S. Applied Data Science

Syracuse University

Syracuse, NY | Expected Dec 2020

B.S. Physics

Pennsylvania State University

University Park, PA | 2015

### LANGUAGES & TOOLS

- Java
  - Spring frameworks
  - Certified Associate
- SQL
  - Oracle SQL
  - PostgreSQL
- Docker
- Jenkins
- Python
- Kubernetes
- Git
- R
- Hadoop
- Spark

### EXPERIENCE

#### SOFTWARE ENGINEER

Promptous | Syracuse, NY | JAN 2019 - PRESENT

Joined a two-month-old startup to build a mobile app that would provide self-insured dental plans to small business groups and helped raise over \$100,000 in funding

Gathered business requirements by going to partner/vendor/contractor meetings, then worked with team to design and architect application.

Set up the Github repository/Kubernetes pipeline/Docker image/IBM cloud environment so development could begin

Wrote the Java Spring REST API and PostGreSQL components of the application

Led the team through an external HIPAA audit, and ensured storage and transmission of protected health information was encrypted through SSL/TLS

#### Full-Time Student

Syracuse University | Syracuse, NY | 2019-2020

Took courses in machine learning (regression models, decisions trees, and other more advanced topics)

Written in both Python and R, using frameworks including Hadoop and Spark

#### Software Developer

Dish Network | Englewood, CO | JAN 2017- Dec 2018

Maintained the Web Service API

Consumed the architecture changes in collaboration with several international teams

Wrote regression and unit tests

Provided partner support by sitting down and talking with them

Visualized business metrics such as sales, products sold, and most active partners

Automated reports for perusal

#### Software Developer

Lu Chu Shin Yee | Luchu, Taiwan | 2011

Wrote web pages (in CSS, JavaScript, HTML, SQL) to handle incoming orders

Allowed adding, viewing, modifying, and deleting data from a database.