FRANK LIAO

Full Stack Developer

(301) 281-5524 • fliao@andrew.cmu.edu • www.frank-liao.com

EDUCATION

Carnegie Mellon University
BS in Information Systems
Minor in Software Engineering
Expected May 2019
GPA 3.64/4.0
Dean's List with High Honors

SKILLS

Frontend
HTML/CSS
Javascript/React
Adobe Creative Suite (Ps, Ai)

Backend
Python, Ruby/Rails, Javascript
Java, C, C++
OOD/OOP

Data
SQL, MongoDB, Redis
Hadoop, Spark, Pig
Matlab

EXPERIENCE

Web Developer | Yummy Plants
Miami, FL | September 2017 • Current
Working with the founder to redesign the community's web experience and build a mobile platform. Focusing on frontend development and user experience.

Software R&D Intern | Department of Defense
Miami, FL | May 2017 • August 2017
Researched graph-based detection of malicious nodes in social networks. Designed and developed a framework as an environment for simulating/testing different network and attack implementations.

Software Summiteer | Capital One
Arlington, VA | May 2017
Designed and developed a food recommendation web app using Yelp's API. Participated in various workshops on topics such as mobile app development and machine learning.

Software R&D Intern | National Science Foundation
Salisbury, MD | May 2016 • August 2016
Researched various machine learning and image segmentation techniques. Developed and tested deep neural network implementations for change detection over time in satellite imagery.

PROJECTS

Full Stack Web Development | A&M Chess Store
gentle-brushlands-60542.herokuapp.com | Spring 2017
Designed and developed a solution to an ecommerce web app as part of a semester-long course project. Built this Ruby on Rails app from the ground up, including models, views, and controllers.

This project won the *Chili Pepper Award*, for best design and development among the CMU IS Class of 2019.

Full Stack Web Development | Pail
pure-springs-74336.herokuapp.com | Summer 2017
As a group of three, designed and developed a social transaction platform for the Capital One Summit hackathon. Built this Ruby on Rails app from the ground up, to support peer-to-peer transactions as well as friend-based crowdfunding.