

ALAN HUYNH

EMERGING COMPUTER ENGINEER

📞 (562) 673-4190
✉ alanh huynh@gmail.com
💻 alanh huynh.com

WORK EXPERIENCE

Data Intern

City of Long Beach July 2019 – Present

- Implemented a development LAMP stack (DKAN) for an Open Data Portal tailored to the City
- Containerized Open Data Portal to a Docker image and in the works to deploy internet facing on Azure
- Working on the ETL process for the Open Data Portal using Talend
- Created a couple of dashboards for data visualization in Python's framework Plotly Dash
- Led the research process for smart cities and open data initiatives

Student Software Developer

UC Irvine MIND September 2018 – June 2019

- Deployed a Shiny server with LDAP authentication and reverse proxy through Apache for researchers to utilize available dashboards
- Developed a Shiny dashboard to give a clinical summary of patient data pulled from REDCap API in R
- Debugged and implemented new features to custom WordPress plugins in PHP

Student IT Technician

UC Irvine Social Sciences April 2017 – Present

- Provided technical support through phone and in person for faculty and staff under the school of Social Sciences
- Troubleshooted and documented hardware and software issues

Service Desk Intern

Port of Long Beach June 2016 – August 2016

- Provided technical support for staff at the Port of Long Beach Administrative Offices
- Gathered and documented work orders, phone calls, and AV equipment

EDUCATION

University of California, Irvine
B.S. Computer Engineering
Graduation: Spring 2020
GPA: 3.27

TECHNICAL SKILL

Proficient:

Java

Python

ANSI C

Prior Experience:

JavaScript Docker

HTML/CSS Assembly

R/Shiny SQL

PROJECTS

LA Hacks 2018

Blackjack Counter

- Collaboratively developed a Python application in 36 hours that implements OpenCV to analyze a single-player versus dealer game of blackjack to show advantages

Senior Design

3D Reconstruction

- Worked in a team of four to develop post-processing 3D reconstruction in Python with OpenCV