

Ryan Shim

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OBJECTIVE

Entry Level Software Development

COMPETENCIES

- Highly self-motivated with the ability to complete challenges with minimal supervision.
- Able to work with diverse personalities and convey information effectively both written and verbally.
- Enthusiastic to learn and take on challenging opportunities.

EDUCATION

California State University - Fullerton

August 2016 - May 2018

M.S. in Computer Science

3.8 GPA Current

Saint Louis University

Graduated May 2015

B.S. in IT Management

Minor in Accounting

3.75 GPA in Major

EXPERIENCE

IT Service Desk Intern, January 2015 – May 2015

Saint Louis University – John Cook School of Business, Saint Louis, MO

- Executed tier one support for students and faculty for hardware, software, and network issues.
- Arranged service tickets for follow up service through Remedy software.
- Helped troubleshoot and configure Citrix cloud system for customers with technical difficulties.
- Resolved password resets for customers having trouble logging into the University's systems while maintaining security policies.

DEVELOPMENT EXPERIENCE

Personal Website

- Created a website on a stack consisting of Flask framework, Jinja2 templating, and Bootstrap that has a functioning homepage, projects page, and a contact form.
- Explored frontend/backend development, GET/POST methods, and basic system administration duties.

Satellite Tracker

- Created a satellite tracker that utilizes PyEphem, sgp4, and matplotlib packages.
- Outputs azimuth and elevation, relative to the observer's position, and plots the current position on an animated Miller projection or a 3-D sphere representing Earth.
- Obtains TLE data from the Space-Track API, which is fed into PyEphem and sgp4 functions to calculate observer view direction and state-vectors for plotting.

Sunrise and Sundown Time Scraper

- Python script in which the program scrapes sunrise and sundown times directly from HTML source code and writes the data to a CSV file based on user's location input within console.
- Explored developmental techniques through the use of built-in functions, list comprehension, and regular expressions.

SKILLS

Python
Git

C/C++
SQL

Java
Linux