Luke H Jung

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES Los Angeles, CA

Bachelor of Science, Computer Science, 3.6 Major GPA June 2021

- *Relevant Coursework:* Algorithms, Networking, Computer Languages, Data Science, Machine Learning, Computer Architecture, Operating Systems, Data Abstraction, Computer Graphics.

SKILLS

***Languages**:* C++, Java, PHP, Python, HTML, CSS, Ruby, Prolog, Scheme, Mathematica, R, JavaScript, React, NodeJS.

Experience with Jira Workflow*,* WordPress, AWS (Elastic Beanstock), Heroku, Google Cloud, Firebase, Docker, Git.

WORK EXPERIENCE

UCLA Anderson, Graduate School of Management Los Angeles, CA

Student Web Developer July 2020 - Present

- Migrating current Anderson site to WordPress framework. In charge of migrating 250+ articles, 900+ researchers, and transferring content using of Python scripts and edited with HTML and CSS.

UCLA Strategic Communications Los Angeles, CA

Student Web Developer January 2020 – October 2020

- Develops 25 UCLA websites written in PHP, built on Laravel framework, and deployed with Docker and AWS.
- Utilizes professional Git workflow using Jira suite, well versed in QA work and merging branches.
- Works with a team of 9 other developers to update websites in weekly sprints. Actively communicate with Product Managers to ensure updates are on time and adjusted when needed.

UCLA Information Technology Services Los Angeles, CA

Lead Assistant Desktop Support Analyst February 2019 – January 2020

- Led 5 other student workers in assigning tasks, managing schedules and ensuring different tasks are completed, in charge of around 60+ jobs each day to satisfy multiple campus wide needs.

PROJECTS

UCLA Capstone Project—Nginx Webserver Parser (C++, Boost Libraries, Google Cloud, Docker, CMake) June 2020

- Built a webserver with a team of 4 students using C++ to parse a Nginx configuration file for our Software Engineering Class taught by 4 Google Engineers emphasizing good software engineering practices.
- Practiced scalable software engineering practices such as thorough unit testing, refactoring, and leading the group as a tech lead. Utilized Google Git Gerrit for code review and Docker with Google Cloud for deployment.

RateMyTA—Rate TAs on Campus (Python Flask, Firebase) March 2020

- Generated a Python Flask website to rate different TAs on campus utilizing Google Firebase for data storage.
- Worked in a team with 5 students to test the website for common security issues and reported on findings.

Play-Now—Watch YouTube Videos Concurrently (Ruby, AWS) December 2019

- Created a Ruby website with a team of 4 students watch YouTube Videos concurrently. Hosted on AWS, multiple users are able to play, pause, and change the timestamp to watch videos.
- Focused on scalability and tested using Tsung testing to overload and crash the server with too many requests.

Google Home-Wolfram Alpha Integration (Python, Dialogflow, Heroku) June 2017

- Developed an app which connects Wolfram Alpha's API to send HTTP requests and receives with a JSON response using a Google Home to solve various math problems including derivatives and integrals.
- Wrote a script in Python to request information to send to Diaglogflow's machine learning modules.

EXTRACURRICULAR ACTIVITIES

KOREAN AMERICAN CAMPUS MISSIONS Los Angeles, CA

President September 2017 - Present

- Leads multiple meetings and events for 100+ student body, including weekly board meetings with 8 students to plan general meetings as well as brainstorm ways to increase club engagement.
- Coordinates large events for club, including banquets, outings, and other fundraising events for yearly missions' trips. Raised over $2000 past year and events include 8 different campuses with around 500+ college students.

HOBBIES

Placed top .4% of League TFT; constantly updated on new consumer electronics; run personal coffeeshop in apartment.