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:* Data Structures, Algorithms, Networking, Computer Languages, Databases, Data Science, Machine Learning, Computer Architecture, Operating Systems, Computer Graphics, Computer Vision.

SKILLS

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

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

WORK EXPERIENCE

UCLA Anderson, Graduate School of Management Los Angeles, CA
Student Web Developer July 2020 - Present
- Migrated Anderson Review site to WordPress built on PHP and JavaScript. Wrote a Python script to transfer 250+ articles, 900+ researchers and saved hours of work as well as automate for future transitions.
- Updates Anderson Review by creating new blocks in WordPress in PHP, CMS entry in Ingeniux, and solving compatibility problems with JavaScript. Large focus on ADA issues and Mobile/Desktop responsiveness.

UCLA Strategic Communications Los Angeles, CA
Student Web Developer January 2020 – October 2020
- Developed 25 UCLA websites written in PHP, built on Laravel framework, and deployed with Docker and AWS.
- Practiced SDLC with professional Agile workflow using Jira suite, focused on testing, deployment, operations and maintenance through the use of QA work and pull requests.
- Worked with a team of 10 developers in weekly sprints and communicated with Product Managers on tasks.

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 jobs were 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 development best practices such as thorough unit testing, functional testing, integration testing, refactoring, and leading the group as a tech lead.
- Utilized Google Git Gerrit for code review and Docker with Google Cloud for deployment.

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

KRISTOS 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.