

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

Web Developer

July 2020 - Present

- Automated the migration of 250+ Anderson Review Articles and 900+ UCLA Faculty researcher profiles using Python with compatibility for future content migration.
- Revamped Anderson Review Webpage using Wordpress built with PHP and Javascript.
- Configured CMS entries using Ingeniux and resolved JavaScript compatibility issues with focus on ADA accessibility and mobile/desktop responsive design.

UCLA Strategic Communications

Los Angeles, CA

Web Developer

January 2020 – October 2020

- Developed 25 UCLA websites written in PHP, built on Laravel framework, and deployed with Docker and AWS.
- Practiced Agile methodologies using Jira suite, focused on ADA testing, deployment, operations and maintenance through the use of QA work and pull requests.
- Collaborated with a team of 10 developers in weekly sprints and proactively communicated with product managers.

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

Nginx Webserver Parser (C++, Boost Libraries, Google Cloud, Docker, CMake)

June 2020

- Built a webserver used to parse Nginx configuration files with a team of 4, serving as a tech lead.
- Ensured 100% test coverage through comprehensive suite of unit, functional and integration tests.
- Utilized Google Git Gerrit for code review and Docker with Google Cloud for deployment.

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

December 2019

- Developed a website using Ruby and AWS that allows multiple users to watch YouTube videos concurrently.
- Focused on scalability and sent up to 388 requests per second to our website 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 Dialogflow'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.