

# 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, Data Science, Machine Learning, Computer Architecture, Operating Systems, Data Abstraction, Computer Graphics.

## SKILLS

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

- Migrating current Anderson site to WordPress platform. In charge of migrating 250+ articles, 900+ researchers, and transferring content through WordPress modules and plugins.
- Saved hours of work by writing a Python script that parses through each article for author affiliations.

### UCLA Strategic Communications

Los Angeles, CA

#### *Student Web Developer*

January 2020 - Present

- Develops 25 UCLA websites written in PHP, built on Laravel framework, and deployed with Docker and AWS.
- Practices SDLC with professional Agile workflow using Jira suite, focused on testing, deployment, operations and maintenance through the use of QA work and pull requests.
- 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 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 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.