

# Luke H Jung

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## WORK EXPERIENCE

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### Amazon: Prime Video Live Events

Seattle, WA

#### Software Development Engineer 1

August 2021 - Present

- Developing a React web application for Live Events Management Tool which begins a pipeline of publishing live events on Amazon including live sports and concerts through a java backend model.
- Writing and reviewing code changes from team of 6 developers that include functional improvements, integration tests, unit tests, API calls, and front-end changes to increase functionality of tool for customers.
- Ensuring operational excellence by participating in an on-call rotation to solve ongoing issues including system availability or code defects which are actively affecting customers.
- Drafted and presented a design document on an internal project outlining the deprecation of a current system to integration with our current one and provided outlines and workflows for each task.

### UCLA Anderson, Graduate School of Management

Los Angeles, CA

#### Web Developer

July 2020 – July 2021

- 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.

## EDUCATION

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### 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

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

**Experience with** AWS, WordPress, Firebase, Docker

## PROJECTS

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### 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.

### 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

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### KRISTOS CAMPUS MISSIONS

Los Angeles, CA

#### President

September 2017 – June 2021

- Led 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.
- Coordinated 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.