

JAY MISHRA

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EDUCATION

UCLA

June 2021

B.S. Computer Science (GPA: 3.75)

- Honors: Dean's Honor List, Upsilon Pi Epsilon Computer Science Honor Society
- Relevant Coursework: Data Structures, Algorithms, Computer Graphics, Computer Organization, Discrete Math

EMPLOYMENT

Incoming Security Engineer Intern

Facebook

June 2019 to Sept. 2019

- Building internal tools to help strengthen Facebook's integrity, secure user data, and protect against external attacks

Software Engineering Intern

Zededa

June 2018 to Sept. 2018

- Wrote a client-server application in Go to verify that applications deployed on devices using Zededa's IoT platform are working
- Built the Actions and Selectors for the application UI in React so that customers could write tests for their deployed applications
- Developed an EOS block producer configuration using Docker Compose and EOSIO to be deployed on Zededa's platform

Full Stack Web Developer

UCLA Athletics Hall of Fame

Apr. 2018 to Current

- Adds new athletes and teams to the Hall of Fame database and updates a Swift application to show this information to visitors
- Built and maintains a live UCLA athletics social media feed in Javascript and Python that uses the Twitter and Instagram APIs

PROJECTS

Glia

Jan. 2019 to Current

- Developing the frontend of a gratitude journal that has users write down one thing they're grateful for every day
- Using React and Redux to create the web app's UI and keep track of application state so signed in users can view prior entries

Misc.

Sept. 2018

- Developed React Native iOS app to help set up recurring reminders for miscellaneous tasks during React Riot 2018
- Created the app's home feed listing created reminders with title, description, and live countdown timers for each reminder
- Helped build the screen for creating new reminders and helped set up notifications to reset once a reminders' timer had expired

SKILLS/INTERESTS

Languages: C++, Python, Go, Java, Bash, Javascript, HTML/CSS

Frameworks/Technologies: Docker, EOSIO, React, React Native, Redux, Django, PostgreSQL

Interests: Skateboarding, Biking, Basketball, Weightlifting, Slacklining, Reading, Traveling, Sneakers, Manga, Meditation

ACTIVITIES

Backend Developer

DevX

Jan. 2019 to Current

- Developing a web app that helps new UCLA students find clubs and student organizations that match their interests
- Building the web server backend using Python's Django framework and PostgreSQL for the club and user database tables
- Deploying the entire application on AWS EC2 using Docker Compose to containerize each service and Nginx for load balancing

Director of Technology

Sigma Eta Pi

May 2018 to Dec. 2018

- Works with designers to maintain and update the design and content of uclasep.com for each recruitment cycle
- Organized a p5.js programming workshop series to encourage active members with little to no prior experience to learn coding