

# JAY MISHRA

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## EDUCATION

**UCLA** June 2021  
B.S. Computer Science and Engineering (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** June 2019 to Sept. 2019  
Facebook  
• Building internal tools to help strengthen Facebook's integrity, secure user data, and protect against external attacks

**Software Engineering Intern** June 2018 to Sept. 2018  
Zededa  
• 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** Apr. 2018 to Current  
UCLA Athletics Hall of Fame  
• 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

**Misc.** Sept. 2018  
• Developed React Native iOS app to help set up recurring reminders for miscellaneous tasks during the hackathon 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

**Deliberations** Sept. 2018  
• Built web app using Express.js for voting on new members of the entrepreneurship fraternity Sigma Eta Pi each recruitment cycle  
• Implemented login feature using GroupMe's API to ensure that only fraternity members can vote and no member votes twice  
• Enabled viewing of candidates' resumes within the app and included each member's voting power in total score calculation

## SKILLS/INTERESTS

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

**Frameworks/Technologies:** Docker, EOSIO, React, React Native, Redux, Express.js, Electron.js

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

## ACTIVITIES

**Director of Technology** May 2018 to Dec. 2018  
Sigma Eta Pi  
• Works with designers to maintain and update the design and content of uclasep.com for each recruitment cycle  
• Organizing a programming workshop series in p5.js to encourage active members with little to no prior experience to learn coding

**Senior Analyst** Oct. 2017 to Current  
Bruin Ventures  
• Building a desktop application using Electron.js that will serve as a version controlled file manager for designers' projects  
• Performing biweekly due diligence on startups across different verticals and create reports analyzing the companies' management, go-to-market strategy, market size, product, unit economics, and other industry relevant performance metrics