



EDUCATION

University of California, Los Angeles | B.S. in Computer Science (Engineering) | Major GPA: 3.9



EXPERIENCE

Twitter - Full Stack Software Engineer for Developer Platform, 2021, 2022

Front-end Web Team, 2022

- Developed in **JavaScript**, **React**, & **Scala** for the Developer Portal, where enterprise customers use Twitter's Public APIs
- Built features with over 17,800 customers, including Sample Apps Onboarding page to encourage users to test API applications
- Cross-team collaborated to implement authentication requirement for a validator for the new "Tweet Tiles" feature
- Worked with infra & policy teams to improve user experience for our org. which generates over \$400M of Twitter's revenue

Back-end Infrastructure Team, 2021

- Developed in **Scala** & **Javascript** on **REST**-based **Thrift**, **Finagle** & **Finatra** stack to manage developer account authorization
- Built a tool that enables Twitter sales agents to create / update developer projects and access levels to automate this process. which previously required engineering intervention; worked with product & design to launch feature; deployed on **Mesos** to prod

Battery Ventures - Full Stack Software Engineer & Data Science Intern, 2022

- Developed a data tool for Battery's partners to identify fast-growing companies based on GitHub projects data
- Accessed GHArchive database via **BigQuery** & **MongoDB** with a **Node.js** backend & **React** frontend display
- Developed an Extern tool website in **React** & **Node.js** with an **AWS** database elastic search in order for Extern's to look up & filter companies based on previous relations with Battery; integrated the **Okta API** for authentication

AppLovin - Full Stack Software Engineering Intern, 2020

- Built mediation sampler in **React**, **Node.js** & **TypeScript** to filter requests & responses from from mediation server
- Developed flamegraph for visually portrating profiling data; utilized **Rundeck** & **S3**; translated **Python** flamescope repo code
- Worked on AdTech & Infrastructure Team, and learned about AppLovin's mobile app monetization and mobile game platforms

Striim - Back-end Software Engineering Intern, 2019

- Coded in **SQL**, **Bash**, & **Batch**, over **Apache Derby** relational database to allow clients to customize server authentication
- Created a **Java** class to calculate the memory size of a given object using the Instrumentation class & tested in TestNG
- Learned about Striim's enabling of real-time data movement to **Cloud** environments & on-premise endpoints



LEADERSHIP

The Future is Nova - Director of Technology

- Student-founded nonprofit empowering the next generation of female-identifying people to innovate across industries
- Coded in **HTML** & designed in **Figma** our website: thefutureisnova.com, including linked pages for one-off events
- Led the InNovathon, a competitive event where 65 students ideated & presented a corporate social responsibility (CSR) business

Bruin Entrepreneurs - External Vice President, Weekly Nights Director

- Led Weekly Nights team to host a new entrepreneurial speaker, workshop, or product competition to UCLA students every week
- Developed relations with corporate sponsors, other universities, and external organizations and companies
- Co-founded Bruin Labs, a startup incubator and product development program for students to ideate and pitch their product



PROJECTS

SubBnB

- Build full-stack web app in **React** & **Node.js** with team of engineers; sublessors can post their home details and sublessees can filter based on location with integrated Google maps API, timeframe, price, etc.; Repository: github.com/r-holland/SubBnB

Space Walker

- Built web-based game in **JavaScript** with tiny graphics library and **Python** server; Repository: github.com/monbell/SpaceWalker



TECH SKILLS

Java, C++, C, Python, JavaScript, React, Scala, R, Linux, SQL, REST, Figma, Jira, Git, AWS