



EDUCATION

University of California, Los Angeles (2018 - 2022) | B.S. in Computer Science (Engineering)



EXPERIENCE

Incoming Software Engineering Intern at Twitter, 2021

- Will backend develop for the Twitter API on the Developer and Enterprise Solutions Team

Full Stack Software Engineering Intern at AppLovin, 2020

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

Backend Software Engineering Intern at Striim, 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

Data Science Intern at Kidaptive, 2018

- Used **R** to analyze datasets on student progress over time on an e-learning platform (Kidaptive's client)
- Created graphs & presentations to share findings with this client; worked closely with two data scientists

Marketing Intern at Ushur, 2016

- Held CMO position (temp); managed website, created landing pages/campaigns & videos; learned about chatbot engineering



LEADERSHIP/ACTIVITIES

Bruin Entrepreneurs - External Vice President (current)

- Develop relations with UCLA & external organizations/companies; organize BE events (i.e. pitching & product design competitions, startup incubators, career fairs, workshops); co-founded & led Bruin Labs (product development summer program)

The Future is Nova - Director of Technology (current)

- Student-founded nonprofit empowering womxn to disrupt/innovate in any space seen as "restricted" to a particular demographic
- Designed & coded the website (<https://thefutureisnova.me/>)
- Co-organized the InNovathon, our flagship event where 65 female-identifying high schoolers across the country formed teams & competed on ideating & presenting a corporate social responsibility (CSR) business

Association for Computing Machinery Council in Women - Mentorship Chair (2019 - 2021)

- Host workshops & educational events promoting women & other minorities to engage in technology fields
- In charge of pairing new Computer Science students with undergraduate student mentors to receive guidance



PROJECTS

Run Buddies (2020)

- Designing & building an app that tracks one's movement in order to allow runners to race one-another regardless of each one's location, portrays this on a real-time graph using Google Places API, & sends progress notifications to runners

Affinity (2020)

- Built a Chrome extension that detects political bias on online news sources; part of the machine learning team on which we're using spaCy, Python Pandas, and NumPy to pre-process, crawl data, and execute an NLP model

BR3W (2019)

- Built smart coffee machine & iOS app for users to control their coffee machines on their phone; coded an Arduino, used temperature sensors, infrared sensors, 3D printing/laser cutting, & servo motor mechanisms

Bluestamp Engineering (2018) | demo/code: <http://bluestampengineering.com/the-students/monica>

- Built self-navigating robot with infrared sensors, coded an Arduino microcontroller / scaled mechanical parts



PROGRAMMING SKILLS

Java, C++, C, Python, JavaScript (React/Node), R, Linux, SQL, JSON