

EDUCATION

University of California, Los Angeles - Computer Science, BS

Sep 2017 - Jun 2021 (Expected)

Cumulative GPA / Major GPA: 3.5 / 3.8

SUMMARY OF SKILLS

- **Programming Languages:** JavaScript, C++, Python, JavaScript, Java, Ruby
 - **Other Skills:** SQL, Node.js, Express.js, Ruby on Rails, HTML/CSS, Angular, React.js, Linux, Git, Docker, AWS (Lambda, Elastic Beanstalk, DynamoDB), Tsung, Agile/Scrum
-

PROFESSIONAL EXPERIENCE

Planetary Gaming - Software Developer Intern (Unity/C#)

Jan 2019 - Jun 2019

- Developed NovaSnake, an augmented reality endless-runner game
 - Reduced API calls for updating player high score, from multiple times per game to once per game
 - Wrote C# scripts and used Unity to develop a tutorial scene and a timed gamemode
-

PROJECTS

StudyB - Engineering Manager and Backend Developer

Jan 2020 - Present

- Developed the backend of a mobile app that allows students to browse available study rooms in real time
- Leading a backend project to reduce frontend API calls by rewriting a new API contract and migrating databases
- Automated Node web scrapers to obtain classroom schedules using AWS Lambda

Incognito

Sep 2019 - Dec 2019

- Developed a Ruby-on-Rails web application that serves as an anonymous forum for college students
- Implemented scaling techniques including vertical/horizontal scaling, client/server-side caching, threads/processes optimizations
- Load tested using Tsung scripts and visualized performance increases of up to 300%

Markdown Blogger

Apr 2020 - Jun 2020

- Built a blogging web app that allows users to manipulate posts written in Markdown
 - Developed REST APIs in Node and Express that perform CRUD operations on MongoDB models
 - Implemented the program as an SPA (single-page application) using Angular
-

ACTIVITIES

DevX - Student Organization

Jan 2020 - Present

- Developing applications to solve real-world problems experienced by UCLA students

Learning Assistant - Campus Program

Jan 2020 - Jun 2020

- Lectured and tutored students in an introductory data structures course