LUCAS SONG

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PROFESSIONAL EXPERIENCE

Fuzzbuzz (YCombinator W19) — Redwood City, CA
Software Engineering Intern — *September 2020 - December 2020*

· Spearhead project setup flow, utilizing reusable components to promote modularity and maintainability.
· Develop hierarchy of React components to interface with fuzzing infrastructure and dashboard results.

Ridgeline — Incline Village, NV
Products and Engineering Intern — *June 2020 - Aug 2020*

· Build internal devops application to accelerate code integration and quality assurance pipeline.

UCR Academic Resource Center — Riverside, CA
Tutor — *November 2019 - June 2020*

· Facilitate student success in historically difficult computer science, math, and physics courses.

Balto (YCombinator W19) — San Francisco, CA
Software Engineering Intern — *June 2019 - September 2019*

· Implement components for React app with over 10k concurrent users, managing state with Redux user store.

Zybooks — Riverside, CA
Content Developer — *February 2019 - June 2019*

· Design interactive C++ challenge activities for online textbooks used in 800 colleges by over 300,000 students.

UCR Computer Science and Engineering — Riverside, CA
Web Developer — *February 2019 - Present*

· Utilized Gatsby and GraphQL to create department site with Google Sheets CMS for news and events posting.

PERSONAL PROJECTS

Tweetlike: React app using Markov chains to generate original tweets flavored by locality.

Box Springs Bouldering: Online guidebook with videos, descriptions, ratings displayed on satellite map.

LEADERSHIP EXPERIENCE

Association for Computing Machinery (ACM) — Riverside, CA
Vice President — *March 2018 - June 2020*

First Ascent @ UCR (Rock Climbing Club) — Riverside, CA
Vice President & Founder — *November 2018 - Present*

TECHNICAL SKILLS

Languages	C++, Javascript, Python
Tech	React(TS, JS), Gatsby, GraphQL, Redux, Cypress, AWS, SQL, Jupyter, NumPy, NLTK

EDUCATION

University of California, Riverside — Expected June 2021
B.S., Computer Science — **Overall GPA: 3.7**

Awards: 1st Place, 2018 UCR Programming Contest (Freshman and Sophomore Teams)