

# LUCAS SONG

lucas7song@gmail.com ◦ (510) 516-8818 ◦ lucasxsong.com ◦ /lucasxsong ◦ /lucasxsong

## PROFESSIONAL EXPERIENCE

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### UCR Academic Resource Center

*Supplemental Instructional Leader*

Riverside, CA

*October 2019 - Present*

- Provide students with further guidance and practice for CS141 (Intermediate Data Structures and Algorithms)

### Balto

*Software Developer Intern*

San Francisco, CA

*June 2019 - September 2019*

- Enhance application functionality and mobile-friendliness by developing over 10 features on MERN stack.
- Maintain a live webapp with over 10k users, resolving logic and style bugs with smoke tested hot fixes.
- Reduce Cypress E2E test case run time by 57% while still maintaining 100% of the original coverage.

### YCombinator

*Summer Intern*

Mountain View, CA

*June 2019 - September 2019*

- Assist with batch dinner and check-in.

### UCR Computer Science and Engineering

*Web Developer*

Riverside, CA

*February 2019 - Present*

- Coordinate with faculty to facelift 7 year old website, deploying the 1st React-based UCR Department site.
- Utilized Gatsby and GraphQL to create serverless sites with Google Sheets CMS for news and events posting.

### Zybooks

*Content Developer*

Riverside, CA

*February 2019 - June 2019*

- Develop interactive content in online STEM textbooks used by over 200,000 students in 600 institutions.
- Write XML and Python to generate code challenges featuring variable randomization and auto-grading.

### myntAI

*Frontend Intern*

Santa Clara, CA

*June 2018 - September 2018*

- Spearhead overhaul of company website's UI/UX from prototyping to implementation focusing on improved engagement metric resulting in a 16% drop in bounce rate and a 1m 42s increase in session duration.

## LEADERSHIP EXPERIENCE

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### Association for Computing Machinery (ACM)

*Vice President*

Riverside, CA

*March 2018 - Present*

- Curate selection of workshops and recruitment events to facilitate hard and soft skill development.

### First Ascent @ UCR (Rock Climbing Club)

*Vice President & Founder*

Riverside, CA

*November 2018 - Present*

## TECHNICAL SKILLS

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### Languages

C++, Javascript (ES6), Python

### Tech

React, Node.js, Gatsby, GraphQL, PostgreSQL, MongoDB, Express, Cypress, Jenkins, AWS

## EDUCATION

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### University of California, Riverside

*B.S., Computer Science*

Expected Fall 2020

**Overall GPA: 3.7**

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