EVAN CORRIERE

evan*(lastname)*@berkeley.edu

EDUCATION

Bachelor of Arts: Computer Science, Mathematics, 2021

University of California, Berkeley: 3.954 GPA

- Relevant Courses: Computer Security, Computer Architecture/Machine Structures, Data Structure, OS, Discrete Mathematics and Probability Theory, Linear Algebra, Multivariable Calculus, Number Theory, Artificial Intelligence

SKILLS

- Java, Python, Swift, C/C#/C++, HTML, CSS, SQL
- Azure, .Net Framework, and AWS integration
- Jira, Kanban work flow, and CI tools
- Web, iOS, and android application development
- Secure system development
- React Native, TypeScipt, and openGL
- Linux / Unix systems
- Algorithm design

EXPERIENCE

Software Engineer Intern | Amazon | 06/2020 – 08/2020

- Software engineer intern on the AWS API Gateway team building database related tools to increase service efficiency
- Designed and implemented a large-scale framework to be used across Amazon AWS teams.

TA | UC Berkeley Electrical Engineering and Computer Science | 08/2019 - current

- Teach discussion sections, design projects, and host office hours for CS 161: Computer Security
- Formerly taught CS61A: Structure and Interpretation of Computer Programs

Software Engineer Intern | Rev | 05/2019 to 08/2019

- Full stack mobile engineer with an emphasis on audio processing working with react native, realm, and native code supporting multiple apps with combined hundreds of thousands of monthly active users
- Decreased audio data visualization render speeds by 950x through more careful and efficient use of openGL
- Implemented in-app automated speech recognition (ASR) steaming, processing millions of minutes per month
- Growth oriented designed focused on bringing in new users and delivering affordable transcription services

Course Tutor | UC Berkeley Electrical Engineering and Computer Science | 08/2018 to 05/2019

- As a course tutor and Senior Mentor for CS61A, I taught weekly review sessions and hosted office hours for one of the largest, highest ranked computer science courses in the nation

Software Engineer Intern | ConditionReports.com | 04/2018 to 09/2018

- Full stack software engineer on a team designing web applications for the automotive industry
- Designed and build client-side API to seamlessly integrate our data into customer websites

Software Consultant | Tech Censeo | 05/2018 to 08/2018

- Designed automated, secure tax and auditing software for clients utilizing OCR and other technologies
- Implemented security measurements and encryption to protect client data

ORGANIZATIONS

Innovate Berkeley | President | 01/2019 – 12/2019

- Planned and ran our annual hackathon in collaboration with Google Launchpad, Visa, and UCB Faculty

Computer Science Mentors, Senior Mentor | 12/2018 – 12/2019

UPE | International Honor Society for the Computing Sciences | 01/2019 - current