

Raymond Guo

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EDUCATION

University of California, Berkeley

B.S. Electrical Engineering and Computer Science | Expected Graduation Dec 2020

GPA: 3.935/4

Relevant Coursework: Efficient Algorithms and Intractable Problems, Data Structures, Computer Security, Database Systems, Computer Architecture, Operating Systems and Systems Programming, Networking Architecture and Protocols, Artificial Intelligence, Principles of Data Science, Machine Learning (IP)

SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML, CSS, SQL, C

Web Technologies: React, Angular, Redux, Vue.js, Django, Rails, GraphQL, Firebase, AWS, Node.js

Data Science: pandas, NumPy, scikit-learn

AWARDS

Eta Kappa Nu, Officer

Jan 2018 – Present

Tutoring officer for national EECS honor society. Organize review sessions and hold office hours for undergraduate EECS courses.

UC Berkeley Dean's Honors List

Fall 2017, Fall 2018, Fall 2019, Spring 2020

Overall GPA and semester grades in top 10% of all College of Engineering undergraduates.

Cal Alumni Association Leadership Award

August 2017

Recognized for international volunteering efforts to teach impoverished Chinese students computer science.

Regeneron Science Talent Search Scholar

January 2017

Recognized for research at the National Institutes of Health and publication detailing the effects of puromycin selection on the transcriptomes of human erythroblasts.

EXPERIENCE

Software Engineer Intern

May 2020 – Aug 2020

Google Cloud – Apigee Engineering Team

- Build and test a CLI tool that programmatically upgrades TypeScript applications to conform to strict compiler flags to assist in the integration of Apigee's codebases into Google's monorepo.
- Parse and manipulate ASTs with the TypeScript compiler API to automatically infer types and insert code to fix for flags.

Software Engineer Intern

May 2019 – Aug 2019

Lucid Software – Lucidchart Core Experience Team

- Built features into the Lucidchart diagramming editor used by over 20 million users, including new shape auto-population and collaborative sticky noting capabilities.
- Implemented voice commands across Lucidchart to navigate pages, create documents, and edit diagrams, increasing accessibility.

President

Aug 2017 – Present

Berkeley Codebase

- Software consulting organization that builds products for high-growth tech companies such as Bill.com and Zymergen.
- Coordinate projects with industry clients and manage over \$120,000 in annual revenue to support the organization's mission of empowering students through meaningful industry initiatives.

Network Engineer Intern

May 2018 – Aug 2018

Johns Hopkins Applied Physics Laboratory

- Developed Python, Bash, and Tcl/Expect scripts to automate configuring and managing 800+ switches and access points.
- Expanded APL's private network throughout campus with mobile routers, firewalls, and access points.

PROJECTS

CommuniTeam

(React + Rails)

<https://meet-my-communiteam.herokuapp.com/>

- Team communication web application that allows for collaboration across multiple channels, with company announcements, group posts, and personal notes.
- Collaborative calendaring implemented with FullCalendar and Google Calendar API.

Count to Ten

(Java)

Google Play Store: Count to Ten – International Numbers

- Android application that teaches users how to count in 25 different languages with timed games.
- Multi-language read-aloud features implemented with Android Text-To-Speech API.