RAYMOND GUO

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EDUCATION

B.S. Electrical Engineering and Computer Sciences *DEC 2020*
University of California, Berkeley GPA: 3.94

Relevant Coursework: Efficient Algorithms and Intractable Problems, Data Structures, Computer Security, Database Systems, Computer Architecture, Operating Systems and Systems Programming, Networking Architecture and Protocols, Programming Languages and Compilers, Parallel Programming, Artificial Intelligence, Principles of Data Science

EXPERIENCE

Databricks - *Software Engineer* *FEB 2021 - PRESENT*
TBD Team
- TBD

Google - *Software Engineer Intern* *MAY 2020 - AUG 2020*
Google Cloud Platform Apigee Engineering Team
- Built a CLI tool that programmatically upgrades TypeScript applications to conform to strict compiler flags and assisted in the migration of Apigee's codebases into Google's monorepo.
- Automated fixes for over 63% of compiler errors by parsing and manipulating abstract syntax trees of source files with the TypeScript compiler API to infer types and programmatically insert fixes for flags.

Lucid Software - *Software Engineer Intern* *MAY 2019 - AUG 2019*
Lucidchart Core Experience Team
- Built core experience 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 the Lucidchart and Lucidpress platform to easily navigate through pages, create new documents, and edit diagrams, increasing product accessibility.

Berkeley Codebase - *President* *AUG 2017 - DEC 2020*
- Software consulting organization that builds web products for high-growth tech companies such Bill.com and Zymergen.
- Coordinate technical projects and contracts with industry clients and manage over $120,000 in annual revenue to support the organization's mission of empowering students to break into the software industry.

PROJECTS

CommuniTeam - *Multi-Channel Communication Web Application* Rails + React
- Allows for communication through separate channels, with features such as company announcements, team posts, personal note keeping, and collaborative calendaring (implemented with FullCalendar + Google Calendar API).
- Demo: *https://meet-my-communiteam.herokuapp.com/*

Count to Ten - *Educational Language-Learning Mobile Application* Java + Android Studio
- Teaches users how to count in 25 different languages with timed games and read-aloud features implemented with the Android text-to-speech API.
- Currently on the Google Play Store: *Count to Ten - International Numbers*

SKILLS

- **Programming Languages:** Java, Python, JavaScript, TypeScript, HTML, CSS, SQL, C
- **Technologies:** React, Angular, Vue.js, Django, Rails, Redux, GraphQL, Firebase, AWS, Node.js, pandas, scikit-learn

AWARDS AND CERTIFICATES

- Oracle Certified Associate, Java SE 8 Programmer
- 2017-2020 UC Berkeley Dean's Honor List (Top 10% of engineering class at UC Berkeley)
- 2018-2020 Eta Kappa Nu Officer, National EECS Honor Society
- 2017 Cal Alumni Association Leadership Award
- 2017 Regeneron Science Talent Search Semifinalist