

# Raymond Guo

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## EDUCATION

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### University of California, Berkeley

B.S. Electrical Engineering and Computer Science | Expected Graduation May 2021

GPA: 3.906/4

**Relevant Coursework:** Efficient Algorithms and Intractable Problems, Data Structures, Computer Security, Database Systems, Machine Structures, Principles and Techniques in Data Science, Operating Systems and Systems Programming (IP), Artificial Intelligence (IP)

## SKILLS

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**Languages:** Java, Python, JavaScript + TypeScript, HTML/CSS, SQL, C

**Frontend:** React, Angular, Redux, Vue.js, jQuery

**Backend:** Django, Rails, GraphQL, Firebase, AWS, Node.js

## AWARDS

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### 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

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

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### Software Engineer Intern

May 2019 – Aug 2019

Lucid Software, Inc. (Lucidchart)

(Angular + Jasmine + Scala)

- 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.

### Software Project Manager

Aug 2017 – Present

Berkeley CodeBase

(Angular + Jest + GraphQL)

- Leading a team of developers in a software consulting organization that builds products for high-growth Bay Area startups.
- Currently working with Bill.com to revamp their bill pay portal for customers to pay and manage bills, payments, and accounts.

### Software Engineer Contractor

Aug 2018 – Dec 2018

Zymergen, Inc.

(React + Django + Postgres)

- Built a plasmid visualization full stack web application for scientists to upload, view, and compare DNA sequences and structures.
- Developed a custom translator to convert binary DNA specifications into a custom JSON schema to visualize plasmid architecture.

### Network Engineer Intern

May 2018 – Aug 2018

Johns Hopkins Applied Physics Laboratory

(Python)

- 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

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### CommuniTeam

(React + Rails)

www.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.