

# Gabe Espinosa

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## EDUCATION

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### University of California, Berkeley

*Bachelor of Science in Electrical Engineering & Computer Sciences, May 2022*

*Minor in Industrial Engineering & Operations Research*

## WORK EXPERIENCE

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### Twilio

*Software Engineer Intern*

**San Francisco, CA**

May 2021 – Aug 2021

- Implemented a virtual and blur background feature for a web application using Twilio's video SDKs
- Built the UI for the virtual background feature and added unit tests to ensure functionality

### Tesla

*Software Engineer Intern*

**Palo Alto, CA**

Aug 2020 – Jan 2021

- Created confidence metrics dashboards with Splunk using vehicle data logs to determine the usage frequency and success rate of UI features.
- Developed and executed automated tests for new and legacy UI features for Tesla vehicles.

### National Aeronautics & Space Administration (NASA)

*Systems Development Intern*

**Merritt Island, FL**

Jun 2018 – Aug 2018

- Elicited software requirements and drafted documentation for an inventory management system for the Public Outreach Office
- Developed a prototype inventory management tool with customer transaction tracking using C# and SQL.
- Worked with project mentor to host NASA education outreach events for children within the local community

## EXTRACURRICULARS & RESEARCH

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### Blueprint, Technology for Non-Profits

*Project Developer (Full Stack)*

**Berkeley, CA**

Feb 2021 – Present

- Collaborated with a team to develop a website for NBJC (National Black Justice Coalition) to serve as a resource hub for events and organizations that cater to the LGBTQ+/SGL community
- Automated email notifications using the SendGrid API and developed React frontend components

### Greater Good Science Center

*Data Science Discovery Student Researcher (URAP)*

**Berkeley, CA**

Jan 2021 – May 2021

- Analyzed server and log data from the Greater Good in Education website to determine and gain insight about user engagement, such as accessing resources and appraising content
- Created a dashboard and series of visualizations with Jupyter Notebook to display the data for the California County Offices of Education

## SKILLS

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### Programming Languages

### Software, Tools, & Frameworks

### Soft Skills

Python, Java, C, JavaScript, Ruby  
Git, SQL, React, NodeJS, MongoDB, Splunk, Postman  
Time Management, Teamwork, Problem-solving