

# Aditya Ramaakrushnan

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## EDUCATION

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### UC Berkeley

Bachelor of Arts in Computer Science — GPA: 3.80

Berkeley, CA

Aug 2019 – May 2023

## EXPERIENCE

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### Visa

May 2021 – Present

Software Engineering Intern

Remote

- Worked in 2 week Agile sprints under the Issuer Processing Team to complete Jira tickets.
- Updated server metrics on Grafana dashboards by using PromQL to make API calls to internal endpoints.
- Used Java, Apache Kafka, and MongoDB to add internal tags to log files based on multiple environment and server variables.
- Leveraged the MicroMeter library to post kafka metrics to Prometheus

### Amtrak

January 2021 – Present

Software Engineering Intern

Remote

- Worked on the Amtrak Rider Mobile App under the e-Commerce team.
- Utilized Angular to built client-side components and leveraged Appium to automate testing.
- Utilized Angular, TypeScript, Appium, Git, and BitBucket

### IEEE

February 2021 – Present

Committee Officer and Software Developer

Remote

- Created REST endpoints that authenticated users using Google OAuth and used Node Session Storage to keep sessions alive for valid users
- Worked on the backend for the UC Berkeley Startup Fair website, which ingested sign-up requests from 50+ attendees, managed student authentication, and updated a MongoDB database
- Created scripts to parse and serialize NGINX files asynchronously
- Worked with Node.js, JavaScript, JQuery, and MongoDB.

### Computational Approaches to Human Learning Lab

Febuary 2021 – May 2021

Research Assistant and Software Developer

Remote

- Worked under prof. Pardos on the AskOski platform, which helps Berkeley students plan classes and hit graduation requirements.
- Automated the process of fetching campus data and updating AskOski's database and machine learning models
- Fixed bugs in the Flask backend by writing SQL queries and re-factored existing Python code

### Beehive

August 2020 – May 2021

Software Developer

Remote

- Utilized user feedback to lead development in fully revamping, Beehive, UC Berkeley's official undergraduate research matching platform, according to UI/UX specifications
- Implemented routes to connect Ruby on Rails backend with React frontend
- Integrated search capabilities into the existing dashboard, enabling users to filter research positions by various categories

## PROJECTS

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### Personal Website | *JavaScript, HTML, CSS*

- Developed a personal website to convey education and professional experiences: [adiram359.github.io](https://adiram359.github.io)

### Foxtrot API | *Python, Flask, HTML, CSS*

- REST API serving comic strips from a database of over 400+ strips from the Foxtrot series by Bill Amend
- Front-end can be seen at <http://foxtrotapi.herokuapp.com>

## TECHNICAL SKILLS

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

**Tools and Frameworks:** Git, React, Node.js, Flask, Express, MongoDB, pandas