Aditya Ramaakrushnan

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EDUCATION

UC Berkeley   Berkeley, CA
Bachelor of Arts in Computer Science — GPA: 3.80   Aug 2019 – May 2023

EXPERIENCE

Visa   May 2021 – Present
Software Engineering Intern   Remote
- Working on the Issuer Processing Team, using Java, Apache Kafka, Spring, and MongoDB
- Implemented feature to add internal tags to log files based on server and environment information

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

Personal Website | *JavaScript, HTML, CSS*
- Developed a personal website to convey education and professional experiences: 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

Stock Market Simulator | *Python, Flask, HTML, CSS*
- Web app that allows users to create personal accounts, purchase stocks, visualize stock trends, store purchase records
- Front-end can be seen [here](#)

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, SQL, HTML/CSS
Tools and Frameworks: Git, React, Node.js, Flask, Express, MongoDB, pandas