

Aravind Srinivasan

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Hard-worker, Creative thinker, and currently a **senior** at the **UC Berkeley**, majoring in **Computer Science** and **Math** who excels in **Python**, **Java**, and **JavaScript** and is looking to pursue a **full-time position** in **Software Engineering** or **Full Stack Development**.

EDUCATION

University of California, College of Letters & Science – Berkeley, CA

August 2021 - May 2024

Bachelor of Arts (double major) in Mathematics & Computer Science

Cumulative GPA: 3.859/4.00

Dean's List – College of Letters & Science for Spring 2022.

Early graduation - 3 years

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, Go, Julia, TypeScript, HTML, CSS, Bash, RISC-V assembly, LaTeX.

Frameworks, Tools: React, Express, Django, Node.js, Next.js, Tailwind, Django REST Framework, DaisyUI, Github Actions, Git.

Environments: Heroku, VS Code, IntelliJ Idea, IntelliJ WebStorm. **Databases:** Cassandra, MongoDB, PostgreSQL, SQLite.

RELEVANT COURSEWORK

CompSci: Structure of Computer Programs, Computational Structures, Data Structures, Computer Architecture, A.I., Linux Sysadmin.

Current: Machine Learning, Computer Security

EMPLOYMENT EXPERIENCE

Tutor at GoPeer

January 2022-March 2022

- Tutored struggling High school and Middle school students in Math; observed their learning patterns and provided custom tailored sessions for each student. Attained enhanced grades for all students under my tutelage within a two-month timeframe.

Intern at Enerpact

May 2022-July 2022

- Helped convert their codebase from Java to Python. Solved “forecast curves” using linear regression. Reduced deviations in the generated data through several programs to make the process 75% more efficient and increase revenue by 13%.

Academic Intern at the UC Berkeley

August 2022-December 2022

- Assisted students, as part of course staff for Computational Structures in Data Science, in learning topics like Trees, Linked List, loops, and recursion in Python.

PROJECTS

GLink | Cassandra DB, Tailwind CSS, Daisy UI, Node.JS, Express.JS, HTML

- A web service (glink.zip) that enables the creation of geo-restricted short URLs.

Personal Website | Tailwind CSS, Daisy UI, React.JS, HTML

- A personal portfolio (aravinds.me).

Notes web application | Django REST Framework, Next.js, Tailwind CSS, Heroku, PostgreSQL, Python

- A CRUD web application deployed using Heroku that allows users to create and edit notes.

GeoQuizzer | Java

- An interactive text-based game that assists users in learning the capitals of the world.

FileX | Java, Swing

- A cross-platform file explorer with both a terminal view and a hierarchical view.

RSA Algorithm | Python

- Encryption-Decryption tool that uses the RSA algorithm.

Grayscale | Java

- A tool that converts colored images to grayscale images.

Doodle | Java, Swing

- A paint application that includes color picks and image save.

HONORS

Upsilon Pi Epsilon Honor Society

February 2023 - Present

- Invited member of Upsilon Pi Epsilon Honor Society (UPE)

Dean's List

Spring 2022

- Made it to the Dean's List for the College of Letters & Science

ACTIVITIES

Intramural Soccer

January 2023 - May 2023

- Guided and motivated our intramural soccer team through effective leadership and strategic decision-making as the captain.

Drawing

July 2017 - December 2019

- Demonstrated creativity by winning several inter- and intra-school awards in high school for pencil sketching.