

Aravind Srinivasan

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EDUCATION

University of California, College of Letters & Science – Berkeley, CA <u>Bachelor of Arts (double major) in Mathematics & Computer Science</u> Dean's List – College of Letters & Science for Spring 2022. Early graduation - 3 years	August 2021 - May 2024 Cumulative GPA: 3.859/4.00
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TECHNICAL SKILLS

Languages: Python, Java, C, RISC-V assembly, JavaScript, TypeScript, HTML, CSS, Bash, LaTeX.
Frameworks, Tools: React, Next.js, Express, Flutter, Tailwind, DaisyUI, Git.
Environments: VS Code, IntelliJ Idea, IntelliJ WebStorm, Node.js.
Databases: Cassandra, MongoDB

RELEVANT COURSEWORK

Computer Science: Structure and Interpretation of Computer Programs, Computational Structures in Data Science, Data Structures, Computer Architecture (Machine structures), Artificial Intelligence, Linux Sysadmin.
Math: Multivariable Calculus, Differential Equations, Linear Algebra, Discrete Mathematics, Abstract Algebra, Real Analysis, Number Theory.
Current: Machine Learning, Computer Security, Incompleteness and Undecidability, Elementary Algebraic Geometry.

EMPLOYMENT EXPERIENCE

Academic Intern at the UC Berkeley • 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.	August 2022-December 2022
Tutor at GoPeer • 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.	January 2023-March 2023

PROJECTS

GLink | Cassandra DB, Tailwind CSS, Daisy UI, Node.js, Express.js, HTML
• A web service that enables the creation of geo-restricted short URLs.
Personal Website | Tailwind CSS, Daisy UI, React.js, HTML
• A personal portfolio.
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.
AutoComplete | Java
• A tool that suggests complete words using partial text input.
Doodle | Java, Swing
• A paint application that includes color picks and image save.

HONORS

Upsilon Pi Epsilon Honor Society • Invited member of Upsilon Pi Epsilon Honor Society (UPE)	February 2023 - Present
Dean's List • Made it to the Dean's List for the College of Letters & Science	Spring 2022

ACTIVITIES

Intramural Soccer • Guided and motivated our intramural soccer team through effective leadership and strategic decision-making as the captain.	January 2023 - Present
Drawing • Demonstrated creativity by winning several inter- and intra-school awards in high school for pencil sketching.	July 2017 - December 2019