# Aravind Srinivasan

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## 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, RISC-V assembly, JavaScript, TypeScript, HTML, CSS, Bash, LaTeX.

**Frameworks, Tools:** React, Express, Flutter, Tailwind, DaisyUI, Git.

**Environments:** VS Code, IntelliJ Idea, IntelliJ WebStorm, Node.JS.

**Databases:** Cassandra

## 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**  **August 2022-December 2022**
• As part of course staff for Computational Structures in Data Science, assisted students learn 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 that enables the creation of geo-restricted short URLs.

**Personal Website | Tailwind CSS, Daisy UI, React.JS, HTML**
• A personal portfolio.

**GeoQuizzer | Java**
• A game that helps users learn 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**                    **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 - Present**
• Team captain in the Intramural Soccer League at UC Berkeley.

**Drawing**                                             **May 2021**
• Won several inter- and intra-school awards in high school for pencil sketching.