

# Aravind Srinivasan

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## EDUCATION

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**University of California, College of Letters & Science** – Berkeley, CA  
**Bachelor of Arts (double major) in Mathematics & Computer Science**  
Dean's List – College of Letters & Science for Spring 2022.  
Early graduation - 3 years

**August 2021 - May 2024**  
**Cumulative GPA: 3.859/4.00**

## TECHNICAL SKILLS

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**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

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**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

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**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

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**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

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**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

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**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.