

# Aravind Srinivasan

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## EDUCATION

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

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

## RELEVANT COURSEWORK

**CompSci:** Structure of Computer Programs, Computational Structures, Data Structures, Computer Architecture, A.I., Linux Sysadmin.  
**Current: Machine Learning, Computer Security**

## EMPLOYMENT EXPERIENCE

<b>Academic Intern at the UC Berkeley</b> • 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.	<b>August 2022-December 2022</b>
<b>Tutor at GoPeer</b> • 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.	<b>January 2023-March 2023</b>
<b>Intern at Enerpact</b> • 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%.	<b>May 2022-July 2022</b>

## 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

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

## ACTIVITIES

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