Shriyan Yamali

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EDUCATION

Newark Charter High School — Newark, DE
GPA: 4.0/4.0 — Sept 2023 - May 2027

- **Extracurricular Activities & Leadership:** Computer Science Honor Society President, Student Council President, Business Professionals of America Chapter Officer, Technology Student Association, Mock Trial, Varsity Volleyball.
- **Volunteering:** American Civil Liberties Union, Food Bank of Delaware, Shirdi Sai of Delaware, Volunteer Treasurer at the Delaware Museum of Nature & Science. 300+ total volunteer hours.

EXPERIENCE

University of Delaware — Newark, DE
Frontend Web Developer — Sept 2024 - Jan 2025

- Developed a frontend web interface for a framework that leverages LLMs to analyze and optimize high-performance computing by structuring application-generated data logs. (React)

Dartmouth College — Hanover, NH
Assistant Editor — July 2024 - Jan 2025

- Edited research papers about biases in LLMs, focusing on systematic deviations such as position bias in pairwise comparative assessments and their implications for the fairness of automated judgment systems. (LaTeX)

University of Pennsylvania Carey Law School — Philadelphia, PA
Summer Intern — July 2024 - Aug 2024

- Developed LexFlow, an algorithmic model for legal decision analysis that generates diagrams based on the relative weight and importance of legal principles and their effect on an act type. (Matplotlib, NumPy)
- Created an algorithm to calculate the vector placements for a weighted proportions chart. Sold the program and algorithm for $150.

Stanford Law School — Stanford, CA
Programming Intern — June 2024 - Present

- Developing Verdictr, a database aggregating market decisions from over 6000 antitrust cases, saving over 100 hours of work per 10 cases. (Next.js, Tailwind CSS, Pandas, PyPDF2, JavaScript, Excel)
- Designed an automated data extraction algorithm to scrape and parse EU competition case decisions before analyzing the cases using LLMs. Utilized regex for pattern-based searching.

TECHNICAL SKILLS

Languages:	Python, JavaScript/TypeScript, HTML, CSS
Frameworks:	React, Next.js, Tailwind CSS
Libraries:	Pandas, NumPy, Matplotlib, TensorFlow, PyTorch, GenAI

AWARDS

First Place in Computer Programming Concepts at the National Level (2025)
1st out of more than 7,450 participants. Awarded by Business Professionals of America.

First Place in Information Technology Concepts at the National Level (2025)
1st out of more than 7,000 participants. Awarded by Business Professionals of America.

First Place in Meeting & Event Planning Concepts at the National Level (2024)
1st out of more than 6,300 participants. Awarded by Business Professionals of America.

First Place in Legal Office Procedures at the State Level (2024)
1st out of more than 500 participants. Awarded by Business Professionals of America.

Honorable Mention - Personal Essay & Memoir (2025)
Writing award for outstanding merit in originality, skill, and the emergence of personal voice and vision. Awarded by Scholastic Art and Writing Awards.