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, which was included in a formal research publication. (React)
- *Paper Link:* Cross-Application I/O Interference

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

- Created charts and tables for papers investigating position bias in LLMs like ChatGPT and Gemini, and how it can be calculated through metrics like repetition stability and position consistency. (LaTeX)
- *Paper Link:* Judging the Judges

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, which was acquired by the University of Pennsylvania Carey Law School. (Matplotlib, NumPy)
- *Project Link:* ShriyanYamali/LexFlow

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.
- *Project Link:* verdictr.github.io

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.

Gold Presidential Volunteer Service Award (2025)
Recognized by the President of the United States for completing over 100 hours of community service in a single year. Awarded by the United States government.

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.