

# Shriyan Yamali

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## EDUCATION

### Newark Charter High School

Sept 2023 – May 2027

GPA: 4.0/4.0

Newark, DE

- **Activities:** Business Professionals of America President, Computer Science Honor Society President, Mock Trial.
- **Honors:** Gold Level President's Volunteer Service Award, Distinguished Honor Roll, AP Scholar with Distinction.

## EXPERIENCE

### Stanford Law School

June 2024 – Present

Programming Intern

Remote

- Developed a four-phase Python pipeline using **Pandas**, **PyPDF2**, and **Regex** that scrapes the European Commission's Competition Case Search, downloads decision PDFs, and converts them into text corpus.
- Batched the corpus through Google Gemini, via the **GenAI** API, to automatically isolate every relevant market definition and output a structured JSON record for evaluating anti-competitive behavior.
- Building **Verdictr**, a website that searches extracted market definitions based on keyword filtering, using **Next.js**.
- *Project Link:* [verdictr.shriyanyamali.tech](https://verdictr.shriyanyamali.tech) | *Pipeline Repository Link:* [shriyanyamali/market-def-scraper](https://shriyanyamali/market-def-scraper)

### Wilmington University School of Law

Jun 2024 – Feb 2025

Research Assistant

Wilmington, DE

- Investigated how the religious aspects of enhanced-interrogation practices at Guantánamo Bay affect U.S. citizens.
- Made a comprehensive annotated bibliography with over 200 curated sources, covering Senate reports, NGO briefs, news investigations, and 10 landmark federal cases, to inform a forthcoming law-review article.
- Authored 8 research memoranda (12,000 words total) summarising legal, ethical, economic, and political findings.

### Dartmouth College

July 2024 – Jan 2025

Assistant Editor

Remote

- Proofread an ICLR submission through two revision cycles, ensuring all 31 pages met the conference formatting rules, were grammatically sound, and maintained consistent terminology, notations, and citations throughout.
- Built 2 **LaTeX** tables that distilled 100,000 pairwise evaluation instances from 12 judge LLMs (GPT, Claude, Gemini families) and 40 candidate models across 22 MTBench/DevBench tasks into the core metrics repetition stability, position consistency, and preference fairness.

### University of Pennsylvania Carey Law School

July 2024 – Aug 2024

Summer Intern

Philadelphia, PA

- Built **LexFlow**, a Python tool that generates T-shaped graphical models showing how legal principles exert force on an act type based on user-defined attributes, used in research, legal articles, and policy evaluation.
- Engineered a system where user inputs are converted into arrows with width, length, and area calculated using weighted geometric formulas, which were later purchased by the University of Pennsylvania Carey Law School.
- Used **Matplotlib** for diagram rendering, **NumPy** for numerical computation, and implemented vertical positioning algorithms and force-balancing mechanics to ensure accurate vector graphic placement.
- *GitHub Repository Link:* [shriyanyamali/LexFlow](https://shriyanyamali/LexFlow)

## TECHNICAL SKILLS

**Languages:** OCaml, Python, Java, JavaScript/TypeScript, HTML, CSS

**Frameworks:** React, Next.js, Tailwind CSS

**Libraries:** Pandas, NumPy, Matplotlib, TensorFlow, PyTorch

## AWARDS

**First Place in Computer Programming Concepts** (Business Professionals of America NLC, 2025)

Placed 1st out of 7,450+ participants nationwide in an exam testing algorithms, Python, Java, JavaScript, web development, SQL, version control, programming paradigms, debugging, testing, and logic-based problem solving.

**First Place in Information Technology Concepts** (Business Professionals of America NLC, 2025)

Placed 1st out of 7,000+ participants nationwide in an exam testing IP, DNS, ports, firewalls, cybersecurity, hardware and software, cloud computing, data and information processing, storage systems, system architecture, and digital ethics.

**Top 20 in the National High School Mock Trial Competition** (2024)

Ranked in the top 20 nationwide among thousands of teams in a courtroom simulation competition judged on witness examination, objections, and trial strategy, with performance evaluated by real judges and attorneys.