

# Shriyan Yamali

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## EDUCATION

<b>Newark Charter High School</b>	Sept 2023 – May 2027
GPA: 4.0/4.0	Newark, DE
<ul style="list-style-type: none"><li><b>Activities:</b> Business Professionals of America President, Computer Science Honor Society President, Mock Trial.</li><li><b>Honors:</b> Gold Level President's Volunteer Service Award, Distinguished Honor Roll, AP Scholar with Distinction.</li></ul>	

## EXPERIENCE

<b>Stanford Law School</b>	June 2024 – Present
<i>Programming Intern</i>	Remote
<ul style="list-style-type: none"><li>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 a text corpus.</li><li>Batched the corpus through Google Gemini, via the GenAI API, to automatically isolate every relevant market definition and consolidate them into a database of 600 unique cases, used to evaluate monopolistic behavior.</li><li>Building JurisMercatus, a website with 4000+ market definitions, made with Next.js, TypeScript, and Tailwind CSS, that performs semantic searches, using OpenAI embeddings and the Pinecone API for vector indexing.</li><li><i>Project Link:</i> <a href="http://jurismercatus.shriyanyamali.com">jurismercatus.shriyanyamali.com</a></li></ul>	
<b>Wilmington University School of Law</b>	
<i>Research Assistant</i>	
<ul style="list-style-type: none"><li>Investigated how the religious aspects of enhanced-interrogation practices at Guantánamo Bay affect U.S. citizens.</li><li>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.</li><li>Authored 8 research memoranda (12,000 words total) summarizing legal, ethical, economic, and political findings.</li></ul>	
<b>Dartmouth College</b>	July 2024 – Jan 2025
<i>Assistant Editor</i>	Remote
<ul style="list-style-type: none"><li>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.</li><li>Built 2 LaTeX tables that distilled 100,000 pairwise evaluation instances from 12 judge LLMs (GPT, Claude, Gemini families) and 40 candidate models into the core metrics: repetition stability, position consistency, and preference fairness.</li></ul>	
<b>University of Delaware</b>	Sept 2024 – Jan 2025
<i>Programming Intern</i>	Newark, DE
<ul style="list-style-type: none"><li>Developed a frontend web interface, using TypeScript and Next.js, for a framework that leverages LLMs to analyze and optimize high-performance computing by structuring application-generated data logs.</li><li>Improved UI/UX, increasing usage efficiency by 250% and reducing user errors.</li></ul>	
<b>University of Pennsylvania Carey Law School</b>	July 2024 – Aug 2024
<i>Summer Intern</i>	Philadelphia, PA
<ul style="list-style-type: none"><li>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.</li><li>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.</li><li>Used Matplotlib for diagram rendering, NumPy for numerical computation, and implemented vertical positioning algorithms and force-balancing mechanics to ensure accurate vector graphic placement.</li><li><i>GitHub Repository Link:</i> <a href="https://shriyanyamali/LexFlow">shriyanyamali/LexFlow</a></li></ul>	

## EXTRACURRICULAR ACTIVITIES

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<b>Computer Science Honor Society</b>	Sept 2024 – Present
<i>Founding President</i>	<i>Newark, DE</i>
<ul style="list-style-type: none"><li>Established the first-ever chapter and leading the organization from launch.</li><li>Coordinating peer tutoring for students in computer science and programming courses.</li></ul>	
<b>Business Professionals of America</b>	Sept 2023 – Present
<i>President</i>	<i>Newark, DE</i>
<ul style="list-style-type: none"><li>Leading and managing a chapter of 80+ members; overseeing meetings, events, and other officers.</li><li>Planning chapter activities such as fundraisers, workshops, and community service projects.</li><li>Mentoring new members and officers to promote leadership within the organization</li></ul>	
<b>Mock Trial</b>	Sept 2023 – Present
<i>Members</i>	<i>Newark, DE</i>
<ul style="list-style-type: none"><li>Competing as a part of the #1 ranked Mock Trial team in the state of Delaware.</li><li>Helped the team reach the NHSMTA and place top 20.</li></ul>	
<b>Student Council</b>	Sept 2023 – May 2024
<i>President</i>	<i>Newark, DE</i>
<ul style="list-style-type: none"><li>Led the student council and represented the student body in school-wide decisions</li><li>Worked closely with administrators, teachers, and student groups to implement regulatory changes.</li></ul>	

## TECHNICAL SKILLS

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

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

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

## AWARDS

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**President's Volunteer Service Award, Gold Level** (President of the United States of America, 2025)

Awarded for completing over 100 hours of community service within a 12-month period.

**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.

**First Place in Management, Marketing & Human Resources Concept** (Business Professionals of America NLC, 2024)

Placed 1st out of 6,000+ participants nationwide in an exam testing strategic management, marketing fundamentals, human resource practices, entrepreneurship, global business operations, customer retention, team leadership, diversity and inclusion, and risk mitigation.

**First Place in Meeting and Event Planning Concepts** (Business Professionals of America NLC, 2024)

Placed 1st out of 6,300+ participants nationwide in an exam testing event budgeting, logistics, vendor negotiation, site selection, attendee engagement, risk management, financial oversight, marketing strategy, project planning, and coordination for conferences and fundraisers.

**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.