Aman Jot Singh

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https://linkedin.com/in/**amns**
https://amansjot.github.io/**portfolio**

EDUCATION

University of Delaware   Newark, DE
Computer Science M.S.   *Aug 2025 – Dec 2025*
- **Relevant Coursework**: Artificial Intelligence, Machine Learning

University of Delaware   Newark, DE
Computer Science B.S., concentration in Artificial Intelligence   *Aug 2021 – May 2025*
- GPA: 3.964; Honors College; Dean's List all semesters
- **Relevant Coursework**: Data Structures & Algorithms, Data Mining, Software Engineering, Database Systems

SKILLS

- Languages: (*Proficient*) Python, Java, JavaScript, HTML, CSS, SQL, TypeScript, React, Angular (*Skilled*) C, C++, PHP
- Tech: Software Development, Git, GitHub, Microsoft Azure, Agile, Shell Scripting, VIM, Visual Studio Code, IntelliJ

WORK EXPERIENCE

Wyzant Tutoring   Bear, DE
Freelance Computer Science Tutor   *Jul 2021 – Present*
- Teach **15+** students to foster a passion for Computer Science (Python, Java, SQL, JavaScript, HTML, CSS).
- Provide support for projects, homework, and enrichment, empowering students to excel academically.
- Prepare personalized lessons for each student and encourage growth in coding skills (**500+** meetings held).

The Chemours Company   Wilmington, DE
Data Engineering Intern   *May 2024 – Aug 2024*
- Migrated multiple relational database processes to increase efficiency (SQL Server, Microsoft Azure).
- Designed and deployed an internal tool that streamlined data analysis by **900%**. (Python, Power BI).
- Collaborated daily on a team practicing agile development; presented to Data Science & Engineering teams.

University of Delaware   Newark, DE
Undergraduate Researcher   *Jun 2023 – Aug 2023*
- Applied programming skills and data science to mathematical research through a 10-week program.
- Verified a complex mathematical proof, demonstrating technical problem-solving (NumPy, Pandas).
- Communicated my findings to **100+** attendees at the Symposium for Undergraduate Research.

ACHIEVEMENTS

Deloitte Case Competition   University of Delaware
Won 1st place   *Apr 2024*
- Collaboratively developed and presented a solution to a local economic issue in a 7-day timeframe.
- Individually programmed a professional React web application and demonstrated the solution to a panel.

HenHacks Hackathon   University of Delaware
Won 1st place in the M&T Community Hack   *May 2023*
- Formulated a solution to improve community safety via an emergency alert system during a 24-hour hackathon.
- Programmed a working website demonstration and presented to a panel of judges (React, TypeScript, CSS).

LEADERSHIP & ACTIVITIES

Computer Science + Social Good   University of Delaware
President & Project Coordinator   *Aug 2023 – Present*
- Organize weekly meetings to drive positive impact in Computer Science through volunteering and fundraising.
- Lead the design and development of a web application to serve the local community (React, TypeScript, Git).
- Educate students of all experiences on core Computer Science topics with presentations and demonstrations.

Other activities: Competitive Programming Club, Indian Student Association