

Maya S. Nagiub

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EDUCATION **The Pennsylvania State University | Schreyer Honors College** University Park, PA *College of Information Sciences and Technology* | B.S. Applied Data Science May 2026 *College of Information Sciences and Technology* | Minor in Security and Risk Analysis | GPA: 3.88

PROFESSIONAL EXPERIENCE

Nittany AI Advance State College, PA *Team Lead* January 2025 – Present

- Lead a team of four in developing a physics-informed neural network to model virus spread, contracted by Lockheed Martin
- Coordinated project tasks to ensure efficient development, testing, and optimization of the neural network
- Managed team collaboration by facilitating meetings, tracking progress, and resolving technical challenges

Penn State Office of Entrepreneurship and Commercialization State College, PA *Intern* August 2024 – December 2024 • Responsible for gathering, organizing, and analyzing data regarding Penn State startups

- Conducted research on central PA-based companies to secure additional government funding
- Gained project management experience by being assigned to various projects

Duquesne Light Pittsburgh, PA *IT Intern* May 2024 – Present

- Solved trouble tickets using Cherwell Service Management
- Planned and executed PC refresh schedule, and completed workstation setup and teardown
- Replaced and upgraded hardware in machines and maintained the accuracy of the PC inventory database
- Installed and repaired software on employee devices

IDI Consulting Monroeville, PA *Data Science Intern* May 2023 – August 2023

- Analyzed data to improve the accuracy of an existing cost forecasting model used for gas pipeline construction
- Generated a predictive model with software developers to ensure the completion of 300 projects before the deadline
- Enhanced proficiency with Excel and other data analysis techniques under the mentorship of the project manager

LEADERSHIP & INVOLVEMENT

PSU Homecoming 2024 University Park, PA *Head of Engagement Captain* March 2024 – October 2024

- Responsible for coordinating bonding, team building, and engagement across a group of 25 captains and 50 committee members
- Involved in the planning and execution of Penn State homecoming traditions

Supply Logistics Captain THON 2025 University Park, PA *Inventory Liaison* September 2024 – Present

- Ensure supply distribution for all THON-related events and THON weekend
- Maintain an accurate inventory through Excel
- Analyze existing inventory data to optimize the purchasing and use of supplies

Phi Sigma Rho Stem Sorority University Park, PA *Pledge Class President* October 2023 – November 2024, *Homecoming Chair* November 2024 - Present

- Served as the main point of contact between membership educators and sixteen members of my pledge class
- Responsible for coordinating events and activities across the pledge class
- Facilitated all sorority involvement in Penn State Homecoming activities

SKILLS & FRAMEWORKS

Skills: Python, SQL, RStudio, Azure, IT Service Management, Active Directory, Microsoft Configuration Manager, Excel, Scrum, Project Management

Frameworks: TensorFlow, PyTorch, Keras, Hugging Face, numpy, pandas