

Naeem Bahemia

📍 Fort Wayne, IN ✉ nbahemia@outlook.com ☎ (260)-702-5947 in naeem-bahemia 🌐 nbahemia

Education

Purdue University — West Lafayette, IN
BS in Computer Science

Aug 2024 - May 2028

- GPA: 3.77/4.0
- **Achievements:** Dean's List (Fall 2024)
- **Societies:** Data Mine Learning Community, John Martinson Honors College

Experience

Cloud Native Association at Purdue
Organizer

West Lafayette, IN
Aug 2024 - Present

- Organizing AWS workshops to enhance student understanding of cloud-native infrastructure and services.
- Exploring applications of cloud computing through organized events and presentations.

Purdue Medical Innovation, Networking, and Design
Organizer

West Lafayette, IN
Aug 2024 - Present

- Analyzing the probability of head trauma through the analysis of fNIR data.
- Modeling a machine learning model to operate with a skull cap to detect mild traumatic brain injuries.

Honors College Residential Society
Resident Liaison

West Lafayette, IN
Aug 2024 - Present

- Collaborating with a board of student executives to plan, develop, and execute engaging events designed to foster a vibrant and inclusive community for the Honors College.
- Form positive relationships with residents through active listening and gathering constructive feedback to improve community experiences.

Homestead Highschool Coding Club
President

Fort Wayne, IN
Aug 2023 - May 2024

- Coordinated Capture the Flag (CTF) competitions, raising cybersecurity awareness while achieving 120th place out of 1300+ middle-school/high-school teams participating in 2024, as well as 184th in 2023.
- Taught coding fundamentals to students through club-made coding challenges and presentations.

Projects / Research

Project oCEANIC
Undergraduate Research Assistant

West Lafayette, IN
Jan 2025 - Present

- Developing computational models to support traditional maritime practices for sustainable travel.
- Contributing to research and simulation development efforts to improve navigation and rebuild community networks between island communities.

Bechtel IoT
Programming Team Member

West Lafayette, IN
Jan 2025 - Present

- Vertically Integrated Project aimed to protect students in the Bechtel Innovation and Design Center.
- Developing a network of smart sensors to predict and alert for safety concerns before they occur.

Technologies

Languages:

- Proficient: Java, Python • Familiar: C, HTML/CSS, Javascript, R

Technologies: AWS, Git/Github, LaTeX, Linux UNIX