

VISHNU MENON

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EDUCATION

Drexel University

September 2023 – Present

Bachelor of Science in Computer Science, Minor in Artificial Intelligence

Philadelphia, PA

- **Honors:** Pennoni Honors College, Dean's List (All Quarters)
- **Organizations:** Machine Perception and Learning Lab, Drexel IEEE, The Triangle
- **GPA:** 3.69/4.00

EXPERIENCE

Zhou Robotics Lab

January 2024 – Present

Researcher

Philadelphia, PA

- Works directly with Professor Lifeng Zhou to research applications of **Artificial Intelligence in robotics**
- Secured a **\$2000 grant** to write a paper on multi-agent flocking behavior with LLMs
- Wrote code for a **custom-built drone** for the annual *Defend the Republic* competition at Lehigh University

Drexel IEEE

February 2024 – Present

Vice President

Drexel University

- Organized Drexel's annual hackathon; garnering **200+** participants and **raising over \$10,000** in sponsorships
- Organizes members in meetings and **directs workshops** in topics related to engineering
- Builds and maintains digital infrastructure, including a website; using GitHub for version control

PROJECTS

Thunderhead | Kotlin, Java, SQL, Rust

August 2019 – January 2023

- Created a verified multi-purpose Discord bot **in use by more than 5000 users** across over 100 servers
- **Led a group of maintainers**, employing Agile methodologies to effectively triage and resolve bugs while streamlining development

Courseboard | VueJS, HTML/CSS

October 2023


- Created a site to serve as a central dashboard for university courses and their associated information; in use by several students in schools across Pennsylvania

Future Strike HD | C#, Godot

July 2021

- Developed a multiplayer platform fighting game, creating all art assets and music, achieving **over 91% positive player feedback** at demos

PUBLICATIONS

P. Li, **V. Menon**, B. Gudiguntla, D. Ting, and L. Zhou (2024). "Challenges Faced By Large Language Models In Solving Multi-Agent Flocking." <https://arxiv.org/abs/2404.04752> 

AWARDS

2024 PGM Global Game Jawn (Overall Winner) 

January 2024

Philly Codefest 2024 (3rd Place) 

April 2024

SKILLS

Languages: Java, Python, Rust C#, C++, JavaScript, SQL, HTML/CSS

Developer Tools: Git, Bash, Visual Studio, VS Code, Pycharm, IntelliJ, Vim

Technologies/Frameworks: Linux, Flutter, Vue, React, Latex