Ardon M. Floros

CONTACT ME

(443) 866-4898

ardonflorossba@gmail.com

https://github.com/ArdonFloros/

EDUCATION AND WORK HISTORY

Purdue University

- B.S. student in Computer Science, anticipated graduation in Spring 2026
- Computer Science Honors Major │ Math Minor │ Current GPA: 3.73

Robomasterminds, Summer 2024

- Worked full-time at Aberdeen Proving Ground main branch and R2C2 (Robotics Research Collaboration Campus)
- Introduced to how machine learning, electrical engineering, and mechanical engineering are applied in the field through robotics by ARL (Army Research Laboratory)
- Learned ROS 2 (Robot Operating System) concepts and basics and applied them to a Unitree Go2 robot using a public software development kit in order to, for example, view the 3D robot model and LiDAR data real time with RVIZ, or read .msg data to view information like linear and angular velocity.
- Tutored high school students in computer science and robotics through AEOP (Army Educational Outreach Program) and GEMS (Gains in the Education of Math and Science)

HONORS & EXTRACURRICULAR ACTIVITIES

- Purdue Dean's List and Semester Honors Fall 2023 and Spring 2024

RELATED COURSES

- Multivariate Calculus
- Object-Oriented Programming
- Programming in C
- Foundations of CS
- Linear Algebra
- Fundamentals of Programming
- Introduction to Statistics (enrolled)
- CS Honors Seminar (enrolled)
- Computer Architecture (enrolled)
- Data Structures and Algorithms (enrolled)
- Systems Programming (enrolled Spring 2025)
- Intro to Analysis of Algorithms (enrolled Spring 2025)
- Probability (enrolled Spring 2025)

SKILLS

- Experience in Python, C/C++, and Java
- Experience working in a team and using source control tools like GitHub
- Great problem solving skills
- Experience using ROS 2 and related software
- Experience using Linux terminal
- Great work ethic
- Experience in wiring and circuitry
- Great patience and listening skills
- Experience in technical writing with LaTeX