Atharva Kerkar

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Education

Purdue University West Lafayette, IN
Bachelor of Science in Computer Science, Minor in Economics (GPA: **3.76**) *Aug. 2023 – May 2027*

Relevant Coursework: Object-Oriented Programming, Data Mine Community (R, Python, and CLI), Discrete Math, Programming in C, Linear Algebra, Data Structures & Algorithms (Java), and Computer Architecture (Assembly Code).

Experience

End User Support + Audio & Visual Support Intern JUN 2023 - JUL 2023
School District Of Palm Beach County, Florida *Jupiter, FL*

- Joined the School District of Palm Beach County's IT department to personally repair school-issued Chromebooks and re-image school-issued desktops.
- Developed hardware skills that helped with programming architecture and learning more about the insides of various computer models, along with helping more than 50 different high schools.

Projects

What's Up? Boiler Up! | *JavaScript, Python, CSS, HTML, Node.js, Geocode, Leaflet* Sept 2023 – Present

- Developed a full-stack web application with CSS and HTML for front-end development; Python for back-end development; Node.js and JavaScript for front-end and back-end development.
- Took the RSS feed from a third-party website and used pre-existing map data to graphically map events
- Visualized GitHub data to show collaboration

Humanoid Robotics Club | *Python, Embedded C, C++, Linux, PyTorch, Numpy, ROS2* August 2024 – Present

- Working with the Humanoid Robotics Club at Purdue to build a fully functioning Humanoid Robot in 3 years for aerospace exploration.
- Involved with the Control section of the software team. Working with Arduino/Teensy boards, Unix-based OS (Asahi Linux), and
- Visualized GitHub data to show collaboration

Technical Skills

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, CLI
Frameworks: React.js, Node.js
Developer Tools: Git, VS Code, IntelliJ, Eclipse, ROS2
Libraries: Pandas, Leaflet, Geocode, PyTorch, Numpy