

Nithin Anand

anand118@purdue.edu | 614-966-3413 | 5774 Dalymount Drive, Dublin, Ohio, 43016

Education

Purdue University, West Lafayette, IN

May 2026

BS Computer Engineering

3.75 GPA

Software Engineering Concentration, Management Minor

Relevant Coursework: Object Oriented Programming with C++, Data Structures, Python for Data Science, Advanced C Programming, Intro to Computer Programming in Java, Intro to Digital System Design

Skills

Programming Languages: C, Python, C++, Java, MATLAB, HTML, CSS, JavaScript

Operating Systems and VCS: Windows, Linux/Unix, Ubuntu, GitHub, Bitbucket

Programming Skills: Data Structures and Algorithms, Scikit-learn, Pandas, NLTK

Work Experience

Purdue University: **Undergraduate Teaching Assistant, CS159 - C Programming**

Jan 2024-Present

- Lead lab section of 25+ students and conduct office hours to instruct foundational C concepts

Sycamore Growth Group: **Analyst Intern**

Jun 2023-Aug 2023

- Utilized IntelliJ IDEA and Excel for tax credit analysis of 1,000+ pages of financial accounting data
- Coordinated with state authorities via phone, email, and web to research and interpret tax laws
- Interviewed clients and researched legislation to draft legal support for federal tax audits

Projects and Leadership

Engineering Projects in Community Service (EPICS): **Project Lead, Mars Rover Imagination Station**

Aug 2022-Present

- Manage team of 8 students and 2 sub teams to deliver an interactive Mars Rover museum exhibit
- Build Python GUI with IP camera feed and joystick integration to allow users to control and interact with rover
- Repair electronics of Mars Rover and redesign mechanical components using CAD to maximize design stability
- Document project with Gantt charts, an extensive design document, and design reviews

BoilerMake: **Communications Team Lead, Executive Team**

March 2023-Present

- Spearhead BoilerMake hackathon application and selection process and manage participant communications
- Recruit new BoilerMake Executive Team members through conducting interview and application process
- Formulate marketing plans to grow BoilerMake social media; grew 25% to surpass 1000+ followers

Autonomous Robotics Club: **Events and Logistics Lead, Operations Board**

Jan 2023-Present

- Organizer and founding member of RISE robotics conference, with 200+ attendees in April 2023
- Lead team of 3-5 to plan and execute social and formal club events for 100+ club members

Autonomous Robotics Club: **Simulation Team Lead, Piano Hand**

Jan 2023-Jan 2024

- Completed and documented Python-controlled Webots simulation to integrate algorithmic, electrical, and mechanical designs for an autonomous piano-playing and music-reading prosthetic system
- Led team of 5 to develop a simulation environment in Gazebo with ROS integration

Awards/Honors

- Eagle Scout 2021
- Purdue ECE Fessenden-Trott Scholarship 2023