Justin Bunryu Smith

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Education

University of Michigan

B.S. in Computer Science May 2025

- GPA: 3.68
- Course Highlights: Computer Organization, Data Structures & Algorithms, Design & Analysis of Computer Science, Linear Algebra
- Ongoing Courses: VR/XR (Intro to Unreal Engine / Unity), Web Systems, Data Manipulation/Analysis (SI 618)
- Awards/Honors: Honors Distinction, Ruth Lobdell Scholarship (Academic), Everett Learnard Science Award

Experience

DANA INCORPORATED **Humboldt, TN**

Summer Engineering Intern, Robotic Systems Operation, Welding & Tests *June — July 2022*

- Calibrate/maintenance for pneumatic welding machines. Changed and improved teaching points; decreased automation weld time.
- Quality control for welded axles

Level 9 Communications **Sanford, FL**

IT Intern *June — August 2022*

- RMM Management, task automation (scripts), VM Leverage testing, and Web Development.
- Built an internal database and step-by-step tutorials for setting up computers and scripts for clients

Front-End Work **Setagaya, Japan**

May – August 2023

- Create Server/Client-Side websites using CSS/HTML/JavaScript/Ruby on Rails

Additional Projects/Organizations/Volunteer

University of Michigan OpenMI **Ann Arbor, MI**

Machine Learning and AI Development Team August 2022 – Present

- Animation extraction and identification toolkit
- Hand-annotated with ~14,000 images and mAP50 accuracy of 88%. A similar level of performance/accuracy as the state-of-the-art yolov8 model

Michigan Autonomous Aerial Vehicles **Ann Arbor, MI**

Software for Quadcopter's Guidance, Navigation, and Control (GNC) August 2023 – Present

- Algorithms to perform detection, segmentation, and tracking for drones

Zeta-Pi Professional Fraternity **Ann Arbor, MI**

Technology Fraternity April 2023 – Present

- Weekly meetings with the Recruitment and Membership committee for the newest technological fraternity at the university.

Technical Skills

Languages: C++, C, JavaScript, CSS/HTML, Python, C#, Blueprint Scripting (UE5), Flask
Dev Tools: Git, VS Code, Xcode, PyCharm, Vim, Jira