Jordan Hindes

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Education

University: Purdue University, West Lafayette, IN *August 2022 - May 2026*
Double Major: Honors Computer Science and Artificial Intelligence GPA: 3.38
Programming Languages: Java, Python, C, C#, JavaScript, R, MatLab, Perl
Software: Linux, Android Studio, Docker, Azure DevOps, Unity, Mail Manager, VMware

Professional Excellence

V2X Inc, Indianapolis, IN *May 2024 - Present*
Intern, Software Engineer, Department of Defense Contractor
- Leveraged **GStreamer's** built-in capabilities to generate test video on a CPU, routing output to displays for performance testing
- Operated within an Agile framework, adapting to various responsibilities, enhancing problem-solving in a dynamic environment
- Part of an Xternship Program hosted by tech economy accelerator TechPoint. Participated in 3 programming weekends that included professional development workshops, networking, and community engagement
- Developed, and maintained **Android** plugins to enhance functionality and optimize performance for a military-grade application
- Led the development of a container management app using Vue.js and integrated Podman's API via Express to optimize operations
- Collaborated to design and implement a web-based SIP server configuration interface in Perl, enhancing system management
- Developed automated testing frameworks utilizing **Pytest**, enhancing codebase reliability by ensuring regression prevention

Unmanned Aerial Systems, Purdue University *August 2024 - Present*
Research Assistant, Virtually Integrated Projects
- Partnered with NXP and Ruids Laboratories to co-develop CogniPilot, an advanced autopilot system for drones, integrating cutting-edge technologies to enhance autonomous flight capabilities and performance

Department of Earth and Planetary Sciences, Purdue University *February 2024 - June 2024*
Research Assistant, Microplastics Research, Data Visualization
- Collaborated with professors to design programs that create user-driven data visualizations, improving data interpretation
- Processed large datasets from Parasivel and used MATLAB to generate accurate two-dimensional visualizations for analysis

Cripe Architects and Engineers, Indianapolis, IN *June 2023 - September 2023*
Intern, Data Management, IT Support Specialist
- Migrated to a new managed service provider by reconciling archives of digital intellectual property, saving $1000/month
- Onboarded to **VMware** cloud platform by working directly with service providers resulting in a personal onboarding time of 7 days
- Onboarded new users by breaking down cloud concepts and owning all support leading to 68 successful adaptations

Department of Public Health Lab, Purdue University *March 2023 - June 2023*
Research Assistant, Youth Sports Research, YMCA Coach Training Program
- Measured sedentary behavior of youth soccer players by developing a program to ensure accuracy of data collection
- Administered surveys to participants by strictly following IRB research protocols, protecting the rights and welfare of participants
- Integrated knowledge of soccer concepts into research, leading to a more relatable program by sharing my knowledge with the team

Extracurricular Projects & Involvement

Vice President of Member Development *August 2022 - Present*
Sigma Phi Epsilon, Intramural Captain
- Initiated and implemented a member development program that promoted engagement and skill building, contributing to achievements such as maintaining the highest GPA for 11 consecutive semesters and highest intern placement rate
- Selected to attend the prestigious Ruck Leadership Institute, gaining foundational leadership skills from renowned alumni leaders
- Recovered $300,000 in dormant scholarship funds, enabling the launch of an scholarship program with the organization's values

Purdue Special Interest Game Development *September 2023 - December 2023*
Team Passion Project, Developer, Self Education
- Collaborated with 15 other Purdue students utilizing **GitHub & Unity** to create a action-adventure platformer game

PokeCrawler January 2023 - February 2023
Personal Project and Self Education
- Developed a UI to visualize pokemon card data by creating reusable UI elements with **React** & **JavaScript** earning a certification
- Scraped pokemon data from PokeAPI by utilizing **firebase** to web crawl and collect data on hundreds of pokemon

Skills

Assembly, GDB Debugging, VMware, React, JavaScript, Firebase, Github, Unity, Linux, Cloud, Calculus, Physics, Aerospace, Computer Integrated Manufacturing, GStreamer, Agile, DOORS, Pythest, Vite, Vue.Js