

# ALEX WILLIAMS

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## EDUCATION

EXPECTED GRADUATION: MAY 2027

**B.S. IN INFO. SYSTEMS & APPLIED BUSINESS ANALYTICS**, UNIVERSITY OF INDIANAPOLIS (TRANSFER) 2024-PRES.

Relevant Coursework: Business Law

**STUDIED MECHANICAL ENGINEERING**, UNIVERSITY OF KENTUCKY 2021-2024

Relevant Coursework: Computer Aided Engineering Graphics

## EXPERIENCE

**MIDWEST DIRECTOR**, PATH TO THE PITS

AUG. 2023 – PRESENT

- Social Media Admin for all events at World Wide Technology Raceway & Indianapolis Motor Speedway.
- Connected program students with Arrow McLaren Indycar Team & Juncos Hollinger Racing through social media & LinkedIn.

**STUDENT ASSISTANT**, CENTER FOR SERVICE-LEARNING & COMMUNITY ENGAGEMENT

AUG. 2024 – PRESENT

- Organizing students, professors, and staff as well as community partners for events with clear communication and ensuring that their needs and concerns are recognized and met appropriately.
- Engaging with students about upcoming events via social media outreach, tabling, and physical media such as flyers placed in common student gathering areas.
- Handle administrative tasks such as streamlining file databases, comprehensive data entry, and event preparation.

**GATE ATTENDANT & ADA STATION ATTENDANT**, IMS COLLEGE PROGRAM & SAFETY PATROL MAY 2023 – MAY 2024

- Connected with guests around the Speedway by providing them with information, directions, and conflict resolutions to provide them with the best possible experience.
- Provided guests with assistance as needed and worked closely with my team of ADA cart drivers to transport guests in a timely manner.
- Able to quickly organize and work with large influxes of guests in order to get them to their destinations in the most efficient way possible.

**AERODYNAMICS SUBSYSTEM MEMBER**, FORMULA KENTUCKY

SEP. 2021 – FEB. 2024

- Project Lead of detailed projects relating to bodywork & aerodynamic devices.
- Secured sponsorship through several avenues to aid in the manufacturing of the car.
- Operated computer-assisted engineering and design software to design, test, and manufacture various projects.
- Supervised and trained subsystem team members, as necessary.
- Assisted in manufacturing processes dealing with high-density foam, fiberglass, and carbon fiber, & aided other subsystems during the manufacturing phase by aiding component installation.
- Detailed Project Breakdown is available on my website & LinkedIn

**PROTOTYPING GUIDE**, PIGMAN COLLEGE OF ENGINEERING INNOVATION CENTER

JAN. 2023 – DEC. 2023

- Assisted students in their learning & operation of the Innovation Center's various machines & tools such as 3D printers, laser cutters, PCB mills, and more.
- Troubleshooting various failed print and mechanical issues on 3D printers.

## SKILLS

- Aerodynamics Comprehension
- Ansys Fluent Software Proficiency
- Creo & Solidworks Software Proficiency
- Social Media Management
- Proficiency in 3D Printing Software
- Methods Design
- Process Development
- Prototyping

