

Gahn Mungarndee

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EDUCATION

Purdue University | Lafayette, IN

Aug 2021 - May 2025

B.S. in Industrial Engineering, Minor in Computer Science

Certificate in Collaborative Leadership

❖ **Involvement & Honors:** Alpha Phi Omega Co-Ed Service Fraternity; The Data Mine - Corporate Partners.

WORK EXPERIENCE

Caterpillar Inc. | Lafayette, IN

May 2023 - Present

Manufacturing, Supply Chain, Order to Deliver Intern

- ❖ Developed an order status dashboard to make informed purchasing decisions and keep key logistics partners accountable, saving logistics managers 3 hours per day, using PowerBI, DAX, Power Query M-Code, and Oracle Database.
- ❖ Analyzed and audited demand for production-line stored parts to increase workplace safety and increase rack space for high demand parts by removing overstock using Excel and VBA.

Raytheon & The Data Mine - Purdue University | West Lafayette, IN

Aug 2021 - May 2023

Undergraduate Data Science Researcher/Teaching Assistant

- ❖ Created a convolutional neural network model to predict turbofan engine failures using time series data from engine sensors using the TensorFlow Python library, Python and popular data science libraries, MongoDB, and Docker.
- ❖ Discovered US Dept. of Defense financial trends by analyzing public records and cross-referencing information with different federal agencies using natural language processing models and Tableau.
- ❖ Collaborated using Agile methodology to produce timely results in software engineering and data science by adhering to 2-week sprints and participating in weekly update meetings (standups).

VOLUNTEER EXPERIENCE

Alpha Phi Omega - Co-Ed National Service Fraternity

Aug 2021 - Present

Current Position: Pledge Trainer

- ❖ Recruited potential new members into the organization by creating recruitment events such as campus advertisements, service events, and fellowship activities which led to a recruitment season of 54 potential new members.
- ❖ Performed an average of 40 service hours per year for the local community.

Venturing, Boy Scouts of America (Older Youth Leadership & Adventure Program)

May 2022 - May 2023

National Vice President of Communications

- ❖ Led the communications and marketing strategies by writing email newsletters, managing social media (Facebook, Instagram), and developing resources for local units and councils to drive strategic membership growth.

SKILLS

- ❖ **CAD:** SolidWorks, Inventor, Fusion 360, NX
- ❖ **Development:** C, Java, Python, VBA, PowerBI, DAX, Power Query M-Code, Oracle Database, MongoDB, Docker, \LaTeX
- ❖ **Support:** Linux server administration, Google Workspace administration, Microsoft Office, GIMP (Photoshop), Inkscape (Illustrator), Scribus (InDesign)

HONORS

- ❖ Eagle Scout (Boy Scouts of America); National Venturing Leadership Award (Boy Scouts of America)
- ❖ Cardinal Principles Award (Alpha Phi Omega).