

# Sai Meda

meda@purdue.edu | github.com/saimeda1 | www.linkedin.com/in/saivmeda

## EDUCATION

**Purdue University** – West Lafayette, IN

December 2026

*B.S in Computer Science(AI) and Data Science*

- **Presidential Scholar:** Recognized based on exceptional academic performance and leadership contributions
- **Semester Honors:** Maintained a 3.5 GPA over at least 6 credit hours within the semester alongside a 2.0 cumulative GPA
- **Deans List:** Demonstrated a minimum of a 3.5 cumulative GPA and a 3.0 GPA for the current semester with at least 12 credits
- **Relevant Coursework:** Data Engineering in Python, Algorithmic O-O Programming, Foundations of CS (Discrete Mathematics)
- **Activities:** Financial Management Club, Asian American Alliance, Data Mine, Purdue Solutions Consulting, VIP

## EXPERIENCE

**Purdue Solutions Consulting** – West Lafayette, IN

*Consultant*

August 2023 – Present

- Selected as one of 15 individuals out of a pool of 200 applicants to provide third-party solutions to address business problems
- Oversaw projects with businesses, directing market research, analyzing data, and delivering strategic recommendations

**DigitalNext**

*Cybersecurity Consultant*

January 2024 – May 2024

- Developed an integrated sales and technology strategy, leveraging data analytics and cybersecurity portfolio to drive sales growth
- Conducted comprehensive market analysis identifying emerging AI cybersecurity markets and potential client cyber needs

**CES Nationwide** – Hodgkins, IL

*Technology Consultant*

August 2023 – December 2024

- Derived a new SKU and item class system based off current industry practices by parsing through over 4000 items of inventory
- Coordinated with needs of CES staff and vendors on an efficient way to reorganize product IDs for future order processing

**Data Mine Corporate Partners** – Purdue University

**The Aerospace Corporation** – El Segundo, CA

*Undergraduate Data Engineer*

January 2024 – Present

- Created an application which utilizes an automated data parser to simulate telemetry data using plotly and pandas
- Implemented a sql database on application to host large datasets that allows authenticated users to upload and download files
- Applied telemetry data from spacecrafts to make advanced simulations allowing experts to analyze data more efficiently

**Vertically Integrated Project** – Purdue University

**Computer Vision in Embedded Systems** - Elmore School of Electrical and Computer Engineering

*Machine Learning Researcher*

January 2024 – Present

- Conducted in depth research in Machine Learning literature to help build a one million dollar proposal by summer of 2024
- Collaborated on developing entry level research using a simple robot commandeered by Raspberry Pi and Arduino
- Generated simulations on Gazebo and ROS to help design engineering software for robotic arm with 6 degrees of freedom

**Crazy4Crayons** – Carmel, IN

*Founder*

August 2022 – May 2023

- Established an organization to create equitable access to education for students in Central Indiana by supplying school supplies
- Networked and arranged donation drives and fundraising events, resulting in a total of \$1590 raised and over 800 supplies

## PROJECTS

**Olympic Dataset Visualization**

- Constructed comprehensive data pipeline by cleaning, merging, and transforming datasets to evaluate Olympic performances
- Utilized data wrangling techniques to evaluate Olympic performance relative to GDP per capita and trends in medal acquisition

**Sai Ventures**

- Built a data scraper using python to collect real time market data on stock market and collect patterns for technical analysis
- Gathered data to track stocks using multiple evaluators such as P/E to compare current evaluation to historical evaluation

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, R, Javascript,

**Tools/Frameworks:** HTML, Word Press, Pandas, Matplotlib, Git, Tensorflow, Orekit, Pytorch, Flask, SQL

**Softwares:** Excel, PowerPoint, Adobe Indesign, Canva Graphics, Microsoft 365

**Certifications:** Google Cloud Certification: Machine Learning Engineer

## INTERESTS

Powerlifting | Baking | Stocks | Music | AI | Basketball | Sitcoms | Coffee