Karsin Dass

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EDUCATION

UNIVERSITY OF MICHIGAN   **Ann Arbor, MI**

Bachelor of Science in Data Science | GPA: 3.6/4.00   *Expected Graduation: May 2025*

- Relevant Coursework: Data Structures and Algorithms, Machine Learning, Database Management Systems, Game Theory
- Grader for EECS 183 Elementary Programming (F23, W24, F24, W25), Planet Blue Ambassador(As of WN2023), IM Flag Football

EXPERIENCE & INVOLVEMENT

PING   **PHOENIX, AZ**

Data Science Intern   *May 2024 - August 2024*

- Automated groove conformance testing by developing a Flask web app using Pandas and BeautifulSoup to extract and process CNC-generated HTML test reports, integrating results into a Power BI dashboard. Presented findings to senior engineering leadership.
- Built a Microsoft Power Apps solution with Power Automate and Dataverse, seamlessly integrating launch success metrics with project databases to automate and streamline the quarterly engineering performance evaluation process across multiple teams.
- Developed an interactive Power BI dashboard for project scheduling using DAX, Power Query (M), and SQL Server, ensuring automated real-time updates and improving data-driven resource planning and decision-making.

RXO   **Ann Arbor, MI**

Brokerage Analytics Intern   *May 2023 - August 2023*

- Utilized SQL Database to extract route-specific delay data and created an enhanced ETA tool integrated with the weather API Tommorow.io that was implemented into a web page designed in Angular. Finalist at the 2023 RXO Hackathon.
- Optimized automated spotbot bidding bots by analyzing data from Power BI and presented my findings to Senior Analysts and Managers. My analysis had an estimated increase of $11,250 weekly gross margin and 16.34% increase in bid scan conversion.
- Restructured Internal Lane Agreements(ILAs) by comparing carrier pricing to market metrics. The new ILAs ultimately led to $746,000 projected savings for Q3 and Q4 of 2023 and were presented at the RXO Global Headquarters in Charlotte, NC.

UNIVERSITY OF MICHIGAN ETHICAL INVESTMENTS   **Ann Arbor, MI**

VP of Recruitment and Outreach   *January 2023 - Present*

- Guided new analysts in pitching long positions for Procore Technologies and Digital Realty Trust, focusing on strategic analysis and valuation, enhancing our portfolio and analyst expertise.
- Presented and advocated for long and short positions to our elected portfolio committee, recommending investments in Salesforce, Vital Farms, and Tetra Tech, while proposing short sells of PayPal and JB Hunt.
- Spearheaded and meticulously coordinated a spectrum of recruiting initiatives, including mass meetings, coffee chats, and a pitch workshop, fostering a dynamic platform for engagement and attracting top talent to our organization.

AMERICAN RED CROSS   **Washington D.C.**

Fundraising and Marketing Intern   *October 2022 - December 2022*

- Devised a photo organization tool through Microsoft OneDrive and Excel that allowed efficient access to photos from Hurricane Ian. The PowerPoint creation time improved by an average of 7 minutes for marketing team members.
- Managed comprehensive correspondence for Gail McGovern, CEO of the American Red Cross, addressing major donors, including Aldi and the J.W. Family Charitable Trust, ensuring effective communication and relationship-building.

PROJECTS

FAKE NEWS CLASSIFIER

OCTOBER 2024 - DECEMBER 2024

- Developed a fake news classifier using machine learning techniques, employing feature engineering and model tuning to accurately distinguish between a wide range of legitimate and false news articles across diverse topics. Languages used: Python
- Github Repository: https://github.com/karsind/FakeNewsClassfier

TETRIS

MARCH 2023 - APRIL 2023

- Recreated the popular video game, Tetris, on an Arduino LED board. Languages used: C++, Arduino IDE
- Github Repository: https://github.com/karsind/tetris

ADDITIONAL INFORMATION

- **Skills:** C++, Python, Data Analytics in R, SQL, MS Office, and Power BI
- **Awards:** 2023 University of Michigan EECS Elementary Programming Showcase Winner presented by Charles Schwab