

Francisco ‘Paco’ Haas

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Education

University of Michigan, College of Engineering

Ann Arbor, MI

- B.S.E. Data Science Engineering, Mathematics Minor Sep. 2022 - May 2025 (Expected)
- GPA: 3.96
- Relevant Coursework: Data Structures and Algorithms*, Regression Analysis*, Object Oriented Programming, Number Theory*, Discrete Mathematics, Linear Algebra, Probability Theory, Technical Communication, Introductory Rocket Science

Work Experience

Cochran Booth and Co.

Leelanau County, MI

Data Analysis Intern

Summer 2021

- Assisted local real estate investors with analysis of sales figures for various properties throughout Leelanau Peninsula, MI.
- Developed sales analysis spreadsheet for waterfront coffee shop and inn.
- Discussed results with management to optimize business hours.

Amalgamated Specialty Group

Traverse City, MI

Data Analysis Intern

Summer 2021

- Assisted the VP of Technology and Digital Commerce with data analysis of sales figures for the specialty commercial auto insurance division.
- Learned basic Tableau to present relevant sales data to management.

Projects

Computer Vision/Seam-Carving

Ann Arbor, MI

C++

January 2023

- Developed libraries for matrix and image initialization and modification.
- Implemented matrix/image libraries into a seam-carving algorithm to resize images.

Text Summarization Machine

Ann Arbor, MI

Michigan Data Science Team, Python

Sep. 2022 - Dec. 2022

- Collaborated in a group of four students to implement a machine learning algorithm to summarize text.
- Cleaned, tokenized, and evaluated 100,000-line dataset of New York Times articles.

Additional

- Languages: Spanish
- Technical Skills: C++, Python, MATLAB, CAD, Google Sheet