

# Sean McHugh

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Recent graduate with a B.S. in Computer Science, Data Science, and Economics. I am seeking full-time opportunities in data analytics, business or financial analysis, investment research, database management, logistics, or related fields.

## Education

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**University of Wisconsin - Madison**

2021 – 2025

*Bachelor of Science in Computer Science, Data Science, Economics*

- GPA: 3.94 / 4.0
- Relevant Coursework: Data Structures & Algorithms, Artificial Intelligence, Database Management Systems, Data Science Modeling, Data Visualization, Econometrics
- Extracurriculars: Madison Esports Club (Treasurer), Euchre Club (Treasurer), Artificial Intelligence Club, WUD Games, Cheese Club

## Experience

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**The McHugh Group, LLC**

Lakewood, OH

*Intern Analyst*

May 2024 – August 2024

- Analyzed firm and client data to produce a comprehensive valuation report, highlighting year-over-year growth and business trends
- Utilized historical data and emerging trends to identify potential technology sector investments, supporting informed investment decisions

**Parker Hannifin**

Mayfield Heights, OH

*Digital IT Intern*

May 2023 – August 2023

- Developed automated email alerts using Azure Automation to monitor and notify about expiring website certificates
- Designed Power BI dashboards for sprint planning, visualizing historical data on developer workload, story progress, time allocation, and recurring issues
- Built a file parser using Python to extract and organize data from completed project files, improving project information accessibility

## Projects

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**Discord Bot**

- Developed a Discord bot using Python, matplotlib, SQLAlchemy, and various APIs to retrieve and visually display user profiles and in-game statistics from video games

**Portfolio Website**

- A website with information about me, my skills, education, and projects. Built using JavaScript, HTML, CSS, React, Vite, Tailwind CSS

## Skills and Certifications

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**Programming Languages:** Python, Java, C, C++, JavaScript, Haskell, R, SQL, Assembly

**Data Analysis & Visualization:** Tableau, Tableau Prep, Power BI, Excel, Stata, RStudio

**Web Development:** HTML, CSS, Node.js, React, Tailwind, Vite, Flask, Bootstrap

**Cloud Technologies:** Google Cloud Platform, Amazon Web Services, Microsoft Azure

**Certification:** Series 65 (Uniform Investment Advisor Law Exam)