

Joseph Walter Fischer

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Education

University of Denver

Denver, Colorado

Magna Cum Laude Bachelor of Science - Mathematics

- **Minor:** Business Analytics/Statistics
- **Major GPA:** 3.94 **Cumulative GPA:** 3.93
- **Thesis:** “Efficacy of Artificial Intelligence in Advanced Mathematics”
 - University sponsored undergraduate research into efficacy of AI in mathematics
 - Looked at challenges facing AI models, especially their accuracy
 - Learned about methods of training and development of AI models
- **Expected Graduation:** June 2025
- **Honors:** Dean’s List, Hornbeck Scholar’s List

Work Experience

Heico Companies LLC

Warrenville, Illinois

Corporate IT Intern

June-August 2023

- Interned in the corporate IT department at the Heico companies
- Used data analytics to create meaningful reports for business decisions through Power BI
- Utilized AI through Power Automate to create customizable RSS feed notifications
- Developed PTO system for managers using Power Apps

Hiiguru Inc.

London, United Kingdom

Intern

September-December 2023

- Led implementation of AI into company’s social media practices
- Conducted market research on both the B2B and B2C sides
- Analyzed and cleaned data to create meaningful reports

University of Denver: Math Department

Denver, Colorado

Academic Tutor

January 2024-Current

- Tutored university students in the Anderson Academic Commons
- Assisted with all levels of Calculus
- Collaborated with fellow tutors to provide students with accurate information

Certifications and Skills

- **Python:** PCEP: Beginner and PCAP: Intermediate certifications
- **Microsoft Office:** Excel, Powerpoint, and Word certifications
- **Trained in Power Platforms:** Power BI, Power Apps, Power Automate, etc.
- **Mathematical & Statistical Analysis:** Passion for mathematics, numbers, and statistics to drive data-driven decision-making
- **Artificial Intelligence:** Continued research and passion for the advancement of AI as well as its applications and efficacy

Activities and Involvements

Member of the Math Club at University of Denver

2021-current

Member of the DU Jet Engine Team at the University of Denver

2023-current