

Zachary Swartz

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EDUCATION

West Virginia University, Morgantown, WV May 2024
Bachelor of Science in Business Administration GPA: 3.81
Majors: Management Information Systems & Accounting

TECHNICAL SKILLS

Proficient in Python, C#, SQL, Tableau

WORK EXPERIENCE

Ernst & Young, Pittsburgh, PA June 2023- August 2023
Assurance Intern

- Reviewed financial statements for Coherent Corporation and Coronado Global Resources Inc
- Documented audit procedures ensuring financial integrity through system testing
- Presented recommendations with PowerPoint to senior staff for internal control process improvement

West Virginia University, Morgantown, WV April 2023- June 2023
Data Intern

- Scraped and processed data across internet to analyze and present findings
- Reconstructed datasets from legacy Excel sheets to a structured format for future database migration
- Designed a web application and SQL Server database to implement after internship conclusion

West Virginia University, Morgantown, WV February 2021- November 2022
Resident Assistant

- Facilitated weekly team meetings to discuss resident issues and develop written response plans
- Fostered safety and inclusivity for 37 residents through custom made educational programs
- Maintained confidentiality with sensitive information in compliance with Title IX regulations

ENTREPRENEURIAL ENDEAVORS

Algorithm Developer, Morgantown, WV November 2020- Present
Quantitative Researcher

- Automate data extraction with python scripts using Pandas, Selenium, BeautifulSoup4, and RESTful API
- Substantiate hypothesis through multiyear data analysis and Montecarlo simulation
- Implement full-stack python project to run live trading algorithm and document performance

Joe 2 Go LLC, Morgantown, WV September 2020- Present
Co-Founder

- Won West Virginia's 2021 Business Plan Competition and invested \$2,000 to launch coffee company
- Developed proprietary whipped coffee recipe through extensive food testing
- Vetting food chemists to outsource nutritional analysis and labeling

VOLUNTEER EXPERIENCE

West Virginia University, Morgantown, WV October 2020- October 2022
Undergraduate Researcher

- Assisted four graduate and doctoral research students with technical writing
- Translated highly technical verbiage from research papers into everyday language
- Collected and analyzed data and presented findings in weekly meetings with lab team