

Trevor Rowland

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Education:

Tennessee Technological University – B.S., Business Analytics

- Expected Graduation May 2025 – 3.2 GPA
- Concentration in Business Intelligence and Data Analytics, Mathematics Minor
- Officer and Tournament Organizer for Tech Smash Bros. Club, Lacrosse Team Member

Iowa State University – Computer Engineering Major from 2018-2021 (Transferred to TTU in 2021)

- Relevant Coursework: App Development, Entrepreneurship and Innovation(MGMT 310), Data Structures and Algorithms, Embedded Systems
- **Activities/Projects:** Multiplayer Chess Android App, Pipelined MIPS Processor, Embedded Systems Roomba - Obstacle Detection and Avoidance, VHDL 4-Bit Stack Adder, M2I Stellar Computer Design Team, MAVRIC Mars Rover Project

Personal Projects:

Pythonic Finance (2023-Present) - <https://github.com/dBCooper2/pythonic-finance>

- Performed Portfolio Backtesting using an OOP implementation of Portfolios, Regression and Visualization.
- Built custom Simple and Multiple Linear Regression Models for use with CAPM and Fama-French Estimation to create portfolio strategies and performance dashboards using Python and Jupyter
- Performed Time Series Analysis, Kernel Density Estimation and other Data Analysis on Equities in Jupyter
- **Skills Used: Python(Pandas, Jupyter, REST APIs), SQL, Data Visualization, Git Version Control**

Python Portfolio Viewing Script (2020-2021) - https://github.com/dBCooper2/portfolio_viewing_script

- Cleaned account data JSONs from the TD Ameritrade API to visualize a portfolio's performance in the CLI
- **Skills Used: Python, Git Version Control, Linux System Commands(BASH, zsh)**

Other Skills:

Team Building and Leadership	Proficiency in SCRUM and CI/CD Processes
Jira Project Management Suite	Social Media Management
MS Office Suite (Excel, Word, Powerpoint, Access)	Google Tools Suite (Sheets, Docs, Drive)
Windows, Mac OS, Ubuntu/Arch/Redhat Linux	Multiple LinkedIn Learning Certificates

Part-Time Employment:

Rocketown (Nashville, TN) – Café Lead (Jun. 2023-Present)

- Organized, led, and promoted E-sports events ranging from regional tournaments with over 300 attendees to weekly 30-person events
- Trained new employees to use the POS System and serve customers
- Created new resources for homeless patrons to direct them to shelters and mission projects

Under Armour (Mt. Juliet, TN) – Bulk Associate (Mar. 2022-Jun. 2022)

- Received and Sorted Inventory as a team member
- Certified to drive Forklifts and Order Pickers through Under Armour

Amazon MKE5 Sortation Facility (Kenosha, WI) – Warehouse Associate (Dec. 2020-Jan. 2021)

- Viewed implementations of Embedded Systems and Supply Chain Processes at the facility
- Sorted incoming packages to be sent out to other centers

Chick Fil-A (Skokie, IL) – Front-of-House Associate (Jun. 2019-Aug. 2019)

- Served guests and ensured customer satisfaction using the Second-Mile-Service model
- Utilized POS to handle transactions at both the front counter and drive-thru