

Trevor Rowland

Birmingham, Alabama | (847) 732-3116 | t.rowland711@gmail.com | GitHub: dBCooper2 | <https://trow.dev/>

SUMMARY

Production Data Analyst at the intersection of Data, Finance, and Mathematics. Experienced in data modeling, full-stack development, and client-facing roles. Skilled in Python, SQL, Tableau, and modern web frameworks. Proven ability to deliver analytical solutions and lead technical projects.

TECHNICAL SKILLS

- *Programming Languages:* Python, R, SQL, JavaScript, React, NextJS, Astro, Java, C
- *Tools:* Git, Scikit Learn, SciPy, Pandas, Tableau, PowerBI, Microsoft Excel, Cursor AI, NotebookLM, ChatGPT
- *Skills:* Leadership, Time Series Forecasting, Machine Learning, Full Stack Development, Financial Modeling

WORK EXPERIENCE

Diversified Energy Company, *Production Data Analyst*, Birmingham, Alabama July 2025-Present

- Validated Oil and Gas production data monthly to ensure proper volume and value allocations to each well.
- Designed and built custom reporting tools in SQL to streamline or correct existing processes.
- Wrote and updated documentation for evolving processes to ensure repeatability each month.
- Taught new

Executive Travel of Nashville, *IT Intern*, Nashville, Tennessee Summer and Fall 2024

- Redesigned company website in Squarespace to modernize and improve user experience using Agile Methodologies.
- Streamlined customer records and management with custom Excel spreadsheets, implemented a secure password manager, and enhanced Google Workspace usability.
- Ensured client satisfaction through regular consultations to align goals and maintain project timelines.

Best Buy, *Geek Squad Consultation Agent*, Mt Juliet, Tennessee May 2024 – August 2024

- Diagnosed and repaired technical issues for a diverse range of devices, improving customer satisfaction and educating myself on client technology needs.
- Placed first in client revenue for the month of May and June for Geek Squad Consultation Agents

EDUCATION

Tennessee Technological University, Cookeville, TN Graduated May 2025

- *BSBA in Business Intelligence and Data Analytics, Mathematics Minor, 3.4 GPA*
- *Leadership:* Leadership on Tour 2024 Winner, Smash Club Officer
- *Relevant Coursework:* Business Intelligence Capstone, Business Strategy, Advanced Analytics, Data-Driven Decision-Making, Financial Modeling, Business Intelligence, Probability/Stats, Statistical Methods

Iowa State University, Ames, IA Transferred October 2022

- *Computer Engineering major, Seward, Ratcliffe, and Galloway Foundation Engineering Scholarship*
- *Relevant Coursework:* Entrepreneurship and Innovation, App Development, Microarchitecture, Data Structures and Algorithms, Embedded Systems, Calculus I, Calculus II, Calculus III, Ordinary Differential Equations

PROJECTS & LEADERSHIP EXPERIENCE

VandyHacks XI, *Fandom-Wiki-Race* September 28 – 29, 2024

- Placed 3rd out of 165 teams at the Vanderbilt hackathon with Fandom-Wiki-Race, a Wikipedia-Races themed game for fandom.wikia sites.
- Leveraged Web Scraping, Graph Analytics, a React Frontend, and a Flask Backend as a team to create a full-stack application for the competition.

Hockey Clutch Player Modeling, *Final Project*, Business Intelligence Jan – Apr 2024

- Developed a shot classification model for NHL games to classify shots as clutch and model win probabilities.