

EDUCATION

BS Data Science & BS Finance | University of Wisconsin-Madison

September 2021 – May 2025

Courses: Data Science Programming, Data Science Modeling, Databases & Networks, Machine Learning, Business Analytics, Corporate Finance, Investment Theory, Derivative Securities, Financial Accounting, Operations Analytics, Economics
Organizations: dotData – active participating member, Sports Business Club – member

EXPERIENCE

RPA Developer Intern | Echo Global Logistics

February 2024 – Present

- Develop 10 new automation solutions saving an estimated 25,000 hours of core business work annually (\$790,000 in value).
 - Automated the *EchoInsure+* capability which received a 2024 Top Supply Chain Projects Award from both *Supply and Demand Chain Executive* and *Food Logistics* publications.
- Audit and improve 3 existing automation solutions in UiPath, which save a total of 25,500 hours annually (\$800,000 in value).
- Develop an internal automation process that extracts UiPath analytics and stores data in an S3 bucket for enhanced ROI reporting and internal auditing.
- Lead support handoffs to ensure completed project documentation met standards, facilitating smooth transitions and enabling new developers to efficiently address any bugs.
- Support sprint defect duty rotation by fixing incidents on all automations.
- Mentor and train an intern, fostering their growth and enhancing team capabilities.

Quality Intern | Orbis Corporation

May 2023 – August 2023

- Conducted thorough analysis on the input of industrial machines using coding in R to develop an optimized production range that enhances the efficiency and output of the machine.

Production Worker | Fox Valley Wood Products

June 2018 – August 2022 (seasonal)

- Provided guidance and support to younger student employees, aiding them by imparting knowledge, sharing valuable skills, and fostering a positive learning environment within the organization.

PROJECTS

Budgeting Automation (UiPath) – Developed an automation bot that scans an email account for bank statements, downloads the statement, and parses the data into an Excel sheet stored in Office 365. This tool streamlines budgeting across multiple bank accounts by tracking dates, purchase descriptions, and amounts in one central location.

Basketball Lineup Optimization (R) – Developed a process for a friend that is a basketball coach that analyzes basketball game data by tracking points scored and allowed for each lineup throughout the game. The tool then groups combinations of size 2, 3, 4, and 5 to identify the most effective lineups, helping optimize team performance.

Partner Matching (Python) – Developed a Secret Santa partner-matching program in Python that ensures no one selects themselves and provides a private interface for users to view their match. This streamlined the process for holiday gift exchanges while maintaining confidentiality.

Wordle Solver Algorithm (Python) – Built an algorithm that recommends the optimal next guess in Wordle based on previous outcomes, competing against my manual attempts. The algorithm outperformed or tied with me in 87% of games (46/53), showcasing its strategic efficiency.

Super Bowl Competition (Python) – Created a system for a Super Bowl prop bet competition, where participants ranked their confidence in 20 prop outcomes. The tool validated confidence values compared predictions to real results and calculated each participant's score to determine the winner.

CERTIFICATIONS

- UiPath Academy Automation Developer Associate Training – UiPath
- UiPath Robotic Process Automation – LinkedIn
- Microsoft Copilot for Productivity – Microsoft & LinkedIn

TECHNICAL SKILLS

- UiPath
- Agile Methodology
- Data Analysis
- VB.NET
- Excel
- Generative AI
- SQL
- ServiceNow
- R Programming
- Azure DevOps
- Microsoft Copilot