John M. Sayre

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EDUCATION

The Ohio State University – College of Arts and Sciences   **Columbus, Ohio**
Bachelor of Science in Data Analytics   *Graduation - December 2024*
- **Specialization in Business Analytics**   **GPA: 3.43/4.00**

WORK EXPERIENCE

J.P. Morgan Chase & Co.   **New York City, New York**
Data Science Summer Analyst   *June 2024–August 2024*
- Developed a market risk hedging regression model in Python to conduct hedging analysis on $1.8bn seed capital and deferred compensation liability as a member of the AWM (Asset & Wealth Management) Treasury team
- Streamlined model with qualitative aspects of hedging analysis reducing operational risk, saving 1-2 hours of labor per analysis, and automating backtests/data checks with additional Python scripts
- Led a learning session to both educate and inform 30+ senior leaders and stakeholders about AWM Treasury's hedging program and how a quantitative model chooses appropriate hedges for the bank's liabilities

Nationwide Insurance   **Columbus, Ohio**
Commercial Lines (CL) Business Insights Intern   *May 2023–August 2023*
- Led a proactive analysis of the commercial auto business line ($500m premium/year) using external research and internal claims data, findings contributed to profit actions on commercial auto insurance in August 2023
- Utilized data storytelling techniques with Tableau and R (ggplot2) visualizations to detail 12 different auto underwriting problems, visualizations were presented to department VP and project stakeholders

The Ohio State University   **Columbus, Ohio**
Teaching Assistant (TA)   *January 2023–May 2023*
- Taught one lab session a week for CSE 1224 Introduction to Python, providing guidance to around 30 students
- Graded and provided feedback on ~60 students' weekly lab and bi-weekly homework assignments
- Standardized a grading process to reduce total labor by an estimated 130 hours over the semester
- Developed further Python knowledge by attending bi-weekly personal sessions with course lecturer

Chipotle Mexican Grill   **Columbus, Ohio**
Kitchen Manager   *September 2021–January 2023*
- Managed 7th-grossing Chipotle restaurant in the nation with a revenue of $3.3 million/year by ensuring top-level food quality and taste working 15-20 hours/week
- Assisted GM in producing proper sales projections and accurately ordering 3 shipments/week to match sales
- Led 2-3 prep shifts/week managing 10+ employees a shift averaging peak throughput of ~1.7 customers/minute

Crew Member   *January 2020–September 2021*
- Trained 6 coworkers on back of house positions, all employees remained for 3+ months

EXTRACURRICULAR INVOLVEMENT

Phi Chi Theta Professional Business Fraternity   **Columbus, Ohio**
Standards Board   *January 2022–Present*
- Elected to Fundraising Chair of my pledge class, planned and executed bake sale event raising $252 dollars
- Appointed to Fundraising Chair for the chapter in November 2022 to serve year-long term starting in January 2023
- Raised ~$3000 dollars over two semesters with successful events like OSU ticket raffles and Pie-A-Professor
- Elected to inaugural Standards Board as senior representative in January 2024 to reform chapter code of conduct and maintain the chapter's strong reputation through rigorous risk management

AWARDS & PROJECTS

Veeam Software Endowed Scholarship   *April 2023*
- Awarded prestigious scholarship of $3000/year from a pool of top-performing undergraduate Data Analytics majors

Eagle Scout (https://shall0ts.github.io/projects/Eagle/)   *July 2020*
- Required completion of lasting service project, 20+ merit badges, and troop leadership in Scouting

OSU Football Ticket Analysis (https://shall0ts.github.io/projects/OSU_Ticket/)   *April 2023*
- Developed comprehensive plan for OSU Athletics to reduce fan clog at home games with large ticket entry datasets

SKILLS & TECHNICAL TOOLS

Languages: Python, R, SQL, Java, HTML, CSS, SAS
Technologies: Tableau, Excel, Alteryx, Git, ArcGIS, Docker, Jira
Skills/Interests: Problem solving, data visualization, teaching, cooking, running, generative AI, media & entertainment