

# Riley Rich

(248) 756-7206 | richri@umich.edu | Ann Arbor, Michigan

## Education

---

### University of Michigan, Ann Arbor, MI

*M.S. in Quantitative Finance and Risk Management*

Expected May 2025

- Expected coursework: Stochastic Calculus, Algorithmic Trading, Time Series, Monte Carlo Simulation, Derivative Pricing, Numerical Methods, Machine Learning with Financial Applications.

*B.S. in Actuarial Mathematics and Data Science*

Aug. 2020 – May 2024

- Cumulative GPA: 3.88/4.00.
- Passed 6 SOA exams (Professional Actuarial Exams).
- Related coursework: Life Contingencies, Credibility Theory, Financial Modeling, Linear Programming, Machine Learning, Stochastic Processes, Linear Regression.

## Related Experience

---

### Michigan Jaguars FC

Novi, MI

*Financial Controller*

May 2022 – Present

- Manage the budget and product pricing processes for a \$10M+ revenue organization. Refined and documented accounting procedures and internal controls, improving efficiency and mitigating risk.
- Redesigned the chart of accounts to facilitate the onboarding of new entities (40% increase in revenue).
- Produce monthly financial statements and financial forecasts utilizing Excel, SQL and Python. Identify misallocated costs and recommend revised pricing to increase gross margin.
- Create scheduled Python scripts to download cash transaction data and convert to accrual basis while classifying revenue into GL accounts. These scripts streamline existing workflows into a five-minute weekly process, significantly increasing efficiency.

### Plante Moran

Southfield, MI

*Data Analytics Consulting Intern*

Jun. 2023 – Aug. 2023

- Developed a suite of Alteryx tools to enable continuous audit monitoring. The tools analyzed billing data, payroll ledgers, and the general ledger to identify irregularities for further investigation.
- Used Python to create a standardized set of tools to read PDF documents into a structured format for use with other clients and projects enabling the team to use more sources for data analysis.
- Led meetings including delivering presentations and facilitating discussions.

### Plante Moran

Southfield, MI

*Risk and Accounting Advisory Services Intern*

Jun. 2022 – Aug. 2022

- Assisted in preparing consolidated financial statements for a \$100M revenue manufacturing company by expanding and refining existing automated processes, reducing workflow to under one hour.
- Tested clients' internal controls as part of their SOX 404 requirements.
- Created an Excel dashboard to track trends in hours worked for capacity planning/practice management.

## Software Skills

---

- Expertise in Microsoft Excel and VBA.
- Proficient in C++, SQL and Python (NumPy, Pandas, Scikit-learn, PyTorch).
- Alteryx Core Certified.
- Experience with R and JavaScript.