

Avril Yu

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Education

University of Michigan

Bachelor of Science, **Double Major in Statistics and Economics**

May 2027

Ann Arbor, MI

- **University Honors** | **GPA:** 3.86/4.0
- **First Place** in the 2026 U-M Data Viz Competition
- **Relevant Coursework:** Financial Forecasting, Big Data in Macroeconomics, Statistics and Artificial Intelligence, Money and Banking, Financial Accounting, Bayesian Data Analysis (Monte Carlo), Linear Regression, Probability

Experience

UMich Solar Car Team

Business Analyst

Sept. 2025 – Present

- Led development of a SQL-based CRM database that consolidated data for **60+** sponsors, improving relationship tracking and driving business process improvement
- Coordinated cross-functional budget allocation by collecting cost estimates from engineering leads, evaluating spending priorities, and supporting financial planning decisions for upcoming build cycles
- Strengthened external partnerships through targeted outreach and structured meetings with industry organizations

Economics Investment Committee

Jan. 2025 – Present

Vice President of Outreach | Jan. 2026 - Present

- Drove a **33%** increase in membership interest by developing marketing materials, organizing campus events, and managing relationships with faculty, alumni, and peer organizations

Healthcare Sector Analyst | Jan. 2025 – Dec. 2025

- Analyzed public companies to assess risk profiles, competitive dynamics, and investment opportunities
- Researched and presented insights on business trends and market movements, informing investment strategy decisions
- Placed 2nd in the club's cross-sector portfolio growth competition

Model Federal Open Market Committee

Sept. 2024 – Present

Competition Chair | Jan. 2026 - Present

- Lead a team of **7** to represent the University of Michigan and compete in the 2026 College Fed Challenge by analyzing macroeconomic conditions, assessing potential scenarios, and developing a formal monetary policy recommendation
- Synthesize economic metrics from the Federal Reserve Economic Data (FRED) and Bureau of Labor Statistics (BLS) databases to interpret key trends and construct data-driven narratives

Vice President of Internal | Jan. 2025 – Dec. 2025

- Directed internal operations for a **71**-member organization by scheduling board meetings, managing club communications, maintaining internal documentation, and supporting organizational governance
- Developed a JavaScript automation tool for Google Sheets that centralized attendance data, improving operational efficiency and reducing manual processing time by **78%**
- Served as the primary liaison between executive board and club members, strengthening communication and cohesion

Research Committee | Sept. 2024 – Dec. 2024

- Authored a paper examining how behavioral economics frameworks can incentivize adoption of environmentally sustainable consumer practices

Automotive Futures Group

Sept. 2023 – May. 2024

Research Assistant

- Decomposed real-world business problems into a multi-phase project by producing reports, synthesizing industry literature, and identifying long-term trends in the automotive sector
- Analyzed **20** years' worth of industry data from **80+** companies to generate insights on sustainability, supply chain optimization, and market shifts
- Presented original findings at an end-of-year research symposium, communicating complex analyses to students and industry professionals

Additional Information

- **Skills:** SQL, R, Python, Tableau, Microsoft Suite (Excel, Word, PowerPoint)
- **Interests:** Canoeing, tradescentia plants, science fiction novels