

Yu-An (Rainy) Chen

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Skills

Languages: Python, Java, C, R

Libraries: .Pandas, NumPy, SciPy, Matplotlib, Plotly

Experience

Data Analyst Intern

Jul 2024 – Aug 2024

Silicon Creations

- Graphed and analyzed comprehensive financial data using Python, integrating data from API calls and CSV files.
- Developed interactive visualizations for Cash Forecasts — tracking 4-month obligations, payment milestones, and account receivables — improving forecasting efficiency by 30%.
- Conducted detailed Cash Flow and Profit & Loss analysis for both calendar and fiscal years.

Finance and Internal Operations Director

Sep 2024 – Present

UTMIST (University of Toronto Machine Intelligence Student Team)

- Managed and allocated the club's operating budget of \$80,000, ensuring optimal resource utilization.
- Processed reimbursements efficiently, reducing turnaround time by 20%.
- Collaborated with the outreach team to secure over \$80,000 in sponsorships, enhancing club initiatives.
- Maintained accurate financial documentation, leading to a 15% improvement in financial reporting accuracy.

Executive Team (Operations)

Feb 2025 – Mar 2025

GenAI Genesis 2025

- Supported the day-to-day execution of program operations, increasing efficiency by 17%.
- Helped coordinate the logistics of the judging process, ensuring balanced coverage.
- Facilitated attendee check-in and registration, creating a smooth and efficient registration experience at the event.

Education

University of Toronto

Sep 2023 – May 2027

Bachelor of Science — Mathematics Major, Computer Science and Statistics Minor

- **Relevant Coursework:** Multivariable Calculus (MAT235), Software Tools and System Programming (CSC209), Probability, Statistics, and Data Analysis II (STA238), Intro to Theory of Computation (CSC236)

Projects

Pitch!t — Java, Figma, OpenAI API

github.com/rainycore 

- Generates comprehensive information on the demographics and preferences of your target audiences based on the name of the product and a small description.
- Produces visuals for your products and receives AI-driven analysis and feedback to enhance your presentations
- Collaborated with a team to develop and document the project, ensuring clear communication and effective project management.