

# Oscar (Yan) Yu

Computer Science Student at Western University

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## Education

09/2020–04/2024 **Honors Specialization Computer Science (BSc)**, Western University.

GPA: 3.8/4.0 (88.9%)

- Ivey HBA 2024 candidate
- **Scholarships:** Western Scholarship of Distinction
- **Awards:** Dean's Honor List (2021, 2022)

## Skills

Languages Python, Java, C, HTML/CSS, JavaScript, SQL, R

Data Pandas, SQLite, Oracle Database, PostgreSQL

Other Git, LaTeX, Excel, PowerBI, Capital IQ

## Work Experience

05/2022–08/2022 **Bank of Montreal**, Risk Analyst.

- Implemented tools to gather and visualize key metrics relating to counterparty risk using Python, SQL, and PowerBI.
- Led PowerBI reporting migration for a team of 10, reducing the time needed to create month-end breakdown reports by 80%.
- Optimized data pipeline between database systems and internal reporting/analytics by deploying Python and Jupyter scripts to automate report generation from Oracle Database.

08/2021–12/2021 **Good News Ventures**, Venture Capital Analyst.

- Screened over 100 companies, scheduled and conducted 35+ founder interviews, and composed 2 investment memos for general partners. Contributed to increasing qualified deals sourced by 269%.
- Helped develop a Python-based web application to streamline matching of portfolio companies with limited partners.

## Projects

### Western Rank.

- Built a course review hosting platform for Western University and affiliate universities.
- Designed API endpoints for database querying and implemented custom Auth0 authentication using Next.js and TypeScript.
- Created server-side rendered pages for course reviews and user profiles using React library.
- Deployed PostgreSQL database for reviews and course data hosted on Amazon RDS (AWS).
- Wrote Python script to scrape, clean, and load course information from university academic calendar to Postgres DB using BeautifulSoup, Psychopg2, and Pandas.

### Ikea Tracker, [link](#) | [github](#).

- Application to track and notify users of stock and restock information for Ikea products.
- Fetched, cleaned, and served inventory data from IKEA's API to a web interface using Python's Requests library and JavaScript.

## Leadership Experience

01/2022–02/2022 **International Collegiate Programming Contest**, ICPC Team Coach.

- Led team of 3 to place 1st out of 16 Western University teams in ICPC North America Qualifiers.

09/2020–04/2022 **Mustang Capital**, Event-Driven Analyst.

- Pitched trades based on earnings calls, special events, and merger arbitrage opportunities. Built DCF for intrinsic valuation of W.R. Grace in a timely manner, driving successful arbitrage trade on cash merger with 8%+ profits. Analyzed historical correlation between Alibaba 11/11 sales and Q3 earnings to build alternative revenue model, successfully predicting a \$500M revenue beat.

09/2020–04/2022 **Western Investment Club**, Researcher.

- Created Week-in-Review presentation on US accounting regulations and case study on Luckin Coffee to educate 40+ researchers and analysts on accounting fraud in public companies. Conducted competitor analysis for the Financial Institution Group's buy pitch on Apollo Global Management.