

# Joshua Rabovsky

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## EDUCATION

### Western University & Ivey Business School

London, ON

BEng in Software Engineering & BA in Business (cGPA: 90.5%)

Graduation Date: May 2024

- Awards: 2nd at Ivey Deloitte Case Competition | 1st at Western Engineering Competition 2022 Consulting | 3rd at Western Engineering Competition 2021 Programming | Business 2257 Section Winner
- Scholarships: Professor David G. Burgoyne HBA '90 Scholarship (\$10,000), Admission Scholarship (\$10,000), Faculty Association Scholarship (\$1,250)

## WORK EXPERIENCE

### Robinhood Markets

Menlo Park, CA

Backend Engineer (Python, Django, AWS CLI & S3, GRPC, Protobuf, Airflow)

May 2022 – August 2022

- Led scoping, design, and presentation of new process for updating constants in codebase by collaborating with 7 cross-functional stakeholders; **produced solution meeting both technical and non-technical needs.**
- Engineered Python script to retrieve, validate, and insert investment portfolio weights from an AWS S3 bucket into database; **reduced number of teams required to update information by 50%.**
- **Reduced number of onboarding flow pages by 40%** for Stock Lending and performed text experiments to improve user onboarding experience; pages experienced relative retention rate increases of 7.5%, 3.6%, 52.9%.

### DataSea Consulting

Toronto, ON

Data Consultant (SQL, Tableau, Figma, Databricks, Fivetran)

January 2022 - March 2022

- Created three iterations of new business intelligence (BI) dashboard mock-ups using Figma; **mock-up style adopted in production dashboard by client and templated as proposals for 100% of new clients.**
- Architected and **updated data cleaning process for 6+ tables** by using SQL and connecting client data sources through Fivetran to Databricks; provided BI insights at **under \$900 a month.**
- Developed **two client dashboards in Tableau with 6+ graphs each** to provide client with visualizations and insights across key performance metrics; dashboard used by client to make enterprise-wide decisions in Q2.

### Instant Record Check

Toronto, ON

Software Developer (ClojureScript, SCSS, MJML, Figma, Sentry, Mixpanel)

May 2021 - August 2021

- **Reduced total code written by 19%** by refactoring source code to eliminate redundancies and improve future maintainability for developers.
- **Generated a new file hierarchy that was incorporated into production code** and built upon by developers via categorizing code into six exhaustive categories to create modular code and enabling readability.
- Spearheaded project to **create six email templates** using MJML to contact clients; produced attractive user interface to ensure emails met industry standards.

## LEADERSHIP EXPERIENCE

### Western Artificial Intelligence Club

London, ON

Vice President of Projects

May 2021 – March 2022

- Revamped the Projects division of 19 teams by incorporating earlier onboarding and developing a summer education process; **attained a Project Manager satisfaction rate of 70% with the new program.**
- Restructured the club's Projects division by incorporating earlier onboarding, developing a summer education program; **increased the year over year project completion rate by 36%.**

### Royal Bank of Canada

London, ON

Design Thinking Cohort Member

January 2021 – April 2021

- Partnered with a multi-disciplinary team to develop a Figma prototype aimed at “growing socially through music” through persona identification and UI design feedback; presented project to panel of RBC executives.

## SKILLS

**Languages:** Python, Protobuf, PostgreSQL, Java, HTML, SCSS, JavaScript, React, ClojureScript, Dart, MJML

**Frameworks:** GRPC, Airflow, Django, Bootstrap, Flutter, Express.js, Material UI, CockroachDB, Sequelize

**Other Tools:** APIs, Tableau, Databricks, Fivetran, Mixpanel, WordPress, Pandas, Scikit-learn, Excel, Figma