

# James Kidd

## CONTACT

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## EDUCATION

### McGill University

*Bachelor of Science (B.Sc) in Mathematics and Computer Science*

Montreal, QC

2023 - 2026

### Queen's University

*Bachelor of Engineering in Computer Engineering (transferred after completing 87.5 credits)*

Kingston, ON

2020 - 2022

## PROFESSIONAL EXPERIENCE

### CI Global Asset Management

*(Incoming) Investment Advisory Intern*

Toronto, Canada

January 2026 – May 2026

### ITM Instruments Inc.

*Software Developer Intern*

Montreal, Canada

May 2024 – September 2024

- Developed Python scripts to automate data transfer between production and test environments.
- Implemented flexible data extraction, order retrieval/conversion features, and enhanced Jira project tracking.
- Implemented Meta Pixel, Google Analytics, and frontend features in PHP and JavaScript, supporting marketing analytics and improving site functionality.

*Specific Tools:* Jira · MariaDB · SQL Tools (HeidiSQL) · Terminal/SSH (MobaXTerm) · Google/Meta Analytics

### KPMG Hungary

*Technology Enablement Advisor Intern*

Budapest, Hungary

June 2021 – September 2021

- Conducted client interviews to map end-to-end operational workflows and identify automation opportunities.
- Designed UiPath workflow diagrams highlighting automation candidates, error-prone steps, and efficiency gaps.
- Delivered RPA recommendations with projected time-savings, error-reduction impact, and implementation feasibility.

## TECHNICAL SKILLS & DEVELOPMENT TOOLS

*Languages:* Python · Java · C · C++ · PHP · BASH · JavaScript · HTML/CSS · SQL (MySQL)

*Tools & Systems:* Git · Linux · Docker · AWS (S3, EC2) · Django · Flask · Apache Spark · Zookeeper · Kubernetes

*Data & ML Libraries:* PyTorch · TensorFlow · scikit-learn · Pandas · NumPy · Matplotlib · OpenCV

## LEADERSHIP & INVOLVEMENT

### CodeJam 14 & 15 (McGill Engineering Hackathon)

*Executive Committee Member (Logistics, Workshop Lead, Mentor)*

2024 – 2025

- Organized McGill's largest engineering hackathon (350+ participants), managing logistics across facility bookings, sponsor relations, and staff coordination.
- Built the event-wide scheduling system for registration, ceremonies, catering, and judging; established scoring and evaluation standards.
- Prepared and delivered four MERN-stack workshops covering web development fundamentals, backend, frontend, and cloud deployment; mentored 40+ first-time hackers.

### QCTF (Queen's Cybersecurity Hackathon)

*Director of Sponsorships*

2021 - 2022

- Managed sponsor communications, event publicity, and secured funding for QCTF, an annual cybersecurity competition at Queen's University.

## PROJECTS

### SquashNoFriends (McGill CodeJam 13)

- Built a squash-partner matching platform using NLP to parse player availability and a Python algorithm to generate weekly match schedules.
- Deployed a Next.js frontend with a MySQL + Apache2 backend enabling automated email-based coordination.

### ETF Holdings Inference (Portfolio Manager Style Modeling)

- Scraped ETF and security data (Yahoo Finance, iShares) and incorporated Bloomberg fundamentals, focusing on actively managed funds to study portfolio-manager decision-making.
- Built and iterated ML models (logistic regression, random forest) to predict whether a security would appear in an ETF's top-K holdings.

## ADDITIONAL INFORMATION

- Senator Frank Carrel Merit Scholarship (\$20 000), Dean's Honour List (2020–2022)

- Professional Assets: Bilingual (French), MS Office Suite Proficiency (Excel, Word, VBA, Visio, Power BI)