MacLaren Scott

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github | linkedin

EDUCATION

Mathematics and Computer Science, Bachelor of Science - 3.9/4 GPA **Present - 2026**
McGill University

WORK EXPERIENCE

TD Bank **May 2023 - August 2023**
Incoming Software Engineering Intern *Toronto, ON*

ShiftProxy.io **Jan 2022 - May 2022**
Freelance Full Stack Developer *Toronto, ON*
- Collaborated with the founder to design and develop a subscription purchase and management website.
- Built a dashboard and a secure login system that allowed users authenticate.
- Implemented encryption protocols responsible for obfuscating sensitive information in the database in the case of a security breach.
- Contributed to an additional $ 25,000 in revenue generated by the site over a two-month period.

Unirank.ca **May 2022 - Present**
Personal Project
- Created a website that displays Canadian University statistics. Currently, the site has over 20,000 page loads.
- Designed a relational database that contains university and program stats.
- Implemented a fully functional user interface that connects with a custom built API to pull data from the database.

Heartshield.io **Oct 2022**
Harvard Hackathon Project *Cambridge, MA*
- Worked in a team to build a website for hospitals, nurses and patients to manage post-cardiac arrest therapy.
- Designed a dashboard that connects to a database to allow hospitals to oversee the relationships between nurses and patients.

MacLarenScott.com **Nov 2022**
- Created a personal website to present personal projects and career milestones.

LEADERSHIP EXPERIENCE

Computer Science Club **Sept 2021 - June 2022**
Leader *Malvern Collegiate Institute*
- Organized and hosted weekly meetings where algorithms and data structures were taught in preparation for the 2022 Waterloo Canadian Computing Competition.

Investment Club **Sept 2021 - June 2022**
Founder *Malvern Collegiate Institute*
- Hosted weekly meetings and organized for guest speakers to speak to an audience.
- Ran a school-wide stock-picking competition with 50+ participants.

SKILLS AND INTERESTS

Technical Skills
- React.js, Next.js, Tailwindcss, JavaScript, AWS, SQL Databases, IP Addresses and Routing, Apache2 Server Configuration, PHP, Pricing financial derivatives, discounted cash flow modeling

Interests
- Web Development, Quantitative Finance, User Interface Design, Financial Markets, Hackathons, Hockey, Piano