

NOAH GOLDSCHMIED

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EDUCATION

McMaster University

B.Eng.Mgt in Software Engineering and Management
Dean's Honour List for Academic Excellence all 4 years

Hamilton, Canada
Sep. 2021 – Apr. 2027 (expected)
5 year degree & 16 months co-op

SKILLS

Languages: Java, Python, SQL, TypeScript, CSS, HTML, Matlab, C, Go

Technologies: SpringBoot, PostgreSQL, React, Docker, Google Dialogflow, Kubernetes, TensorFlow, Keras

Tools: Git, Jira, GitHub Actions, Figma, VS Code, JetBrains IDEs, MS Office Suite

EXPERIENCE

Royal Bank of Canada

Software Engineer Intern - End User Services

Toronto, Canada

Sep. 2025 – Present, Internship

- Building and maintaining features on Tia, RBC's internal tech support bot, using **TypeScript** and **React**
- Utilizing **Google Dialogflow** to enhance Tia's natural language understanding capabilities, improving user interaction and satisfaction.

Royal Bank of Canada

Developer, RBC Amplify Program

Toronto, Canada

May 2025 – Aug 2025, Internship

- Created a **patent pending wire payment routing engine** for international payments, as part of RBC Amplify - an innovation program for students to build products that disrupt the company and beyond
- **Architected, designed & developed** the application using a **Java & Spring Boot** backend with **PostgreSQL** databases, which integrated external and internal documents to intelligently select routes
- Presented product to C-suite executives (CTO, CFO) and hundreds of attendees, won **Technical Distinction**; a **\$20,000** prize rewarded to one team for technical excellence and engineering craftsmanship

Jacor Marketing

Warehouse Clerk - Order Fulfillment & Inventory Manager

Vaughan, Canada

Apr 2024. – Jun. 2024, Contract Full-time

- Managed inventory and fulfilled orders for graduation products, insuring accurate order packing and timely delivery to over 100 schools across Canada

HeyBrain AI

Software Developer Intern - User Interaction

Remote

Apr 2023. – Jun. 2023, Contract Full-time

- Developed a Telegram bot using **Python** that interfaces with HeyBrain's AI models, allowing users to interact with the AI through a familiar platform

Camp Biluim

Camp Counselor - Head of Sports

Mont Tremblant, Canada

Summers 2022 – 2024, Seasonal

PROJECTS

Personal Portfolio | [Link](#)

- Built my portfolio website with **TypeScript & React**, deployed with GitHub Actions and GitHub Pages. Designed the UI based on simplicity and ease of navigation, while also bringing my personality forward.

Name That Sport | [Link](#)

- A **Python** project in which users can provide an image of a sport and the model predicts the sport using a pre-trained CNN. The model was built using **TensorFlow & Keras** and achieved an accuracy of 83% on a custom set of 1000 images across 100 sports.

Software Experiments and Lab Studies

- A lab based class where I conducted experiments and learned about the fundamental algorithms in computer science.

Terrain Generation Simulator

- A **Java** project that allows users to control terrain type, temperature, biome, and features via input or seed. The terrain is generated using a custom polygon ADT and random noise.

AWARDS & ACHIEVEMENTS

Technical Distinction – RBC Amplify: Received recognition and the top engineering prize of **\$20,000** for **engineering quality and craftsmanship** throughout internship. (Summer 2025)

Provisional Patent: Filed a provisional patent for a novel wire payment routing engine that optimizes cross-border transactions. (Summer 2025)

McMaster University Dean's Honour List: Awarded for achieving a yearly GPA above a 10.0 (2021-2025)

JCC Volunteer of the Year: Awarded for my work in the inclusion program as a coach (Jun 2021)