Daniella Toth

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EDUCATION

University of Guelph — Guelph, ON
Honours Bachelor of Computing, Software Engineering (Co-op) — *Sept. 2023 – April 2028*

Relevant Coursework: Software Design, Data Structures, Object-Oriented Programming, Computer Algorithms, Operating Systems, Software System Development & Integration, System Analysis & Design in Applications, User Interface Design, Mobile Computing, Ethics of AI

EXPERIENCE

Front-End Web Developer (Co-op) — August 2025 – December 2025
DBM Systems Inc. — *Remote — Guelph, ON*
- Convert an Excel-based S&OP planning tool into an interactive web application for supply and demand analysis using Svelte, TypeScript, and CSS.
- Built a modular table system supporting resizable columns, cell editing, multi-cell selection, copy/paste, and keyboard navigation.
- Worked closely with a senior developer to design, implement, and document new UI features.

Undergraduate Teaching Assistant — Jan. 2026 – Present
University of Guelph — CIS*2250: Software Design II — *Guelph, ON*
- Support students in a software design course emphasizing collaboration and best practices.
- Assist with Python-based labs and team project development.
- Help students reason about design decisions and implementation trade-offs.

Undergraduate Teaching Assistant — Sept. 2024 – Apr. 2025
University of Guelph — CIS*1500: Introduction to Programming — *Guelph, ON*
- Supported 100+ students through labs, office hours, and discussion forums.
- Explained programming fundamentals and assisted with code debugging.
- Worked with fellow TAs to promote student success and engagement.

PROJECTS

TuneTwin | *Django, Django REST Framework, PostgreSQL, React*
- Co-developed a full-stack music recommendation web application using a Django REST API and React frontend.
- Integrated third-party music APIs (Spotify, Last.fm, Deezer) for client–server data retrieval.
- Designed a modular backend with PostgreSQL and used Git branching (main/dev/feature) for team development.

ePortfolio | *Java, Spring Boot, REST APIs, JavaScript, HTML/CSS*
- Built a full-stack investment management web application with a Spring Boot REST backend and JavaScript frontend.
- Implemented APIs for buying, selling, price updates, gain calculations, and investment search.
- Deployed the application to a cloud environment for live, end-to-end use.

EXTRACURRICULARS

Guelph Student Investment Council (GSIC)
Analyst — *Sept. 2025 – Present*
- Analyze public companies and prepare investment theses and pitch decks for council review.
- Evaluate financial statements, business models, and industry trends to support portfolio decisions.

TECHNICAL SKILLS

Languages: C, Python, Java, JavaScript, TypeScript, SQL, HTML/CSS
Frameworks & Libraries: React, Svelte, Django, Django REST Framework, Spring Boot
Databases: PostgreSQL
Developer Tools: Git, GitHub, VS Code, Docker, Render
Practices: REST APIs, Agile Development, Pair Programming, Technical Documentation