

VICTORIA GEE

Dual U.S. & Canadian Citizen



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SKILLS

Technical: Figma, SolidWorks, AutoCad, Fusion360, C++, HTML, CSS, JavaScript, Tableau, MATLAB, Microsoft Excel

Project: Confluence, Asana, Notion, Scrum, Lean, User Experience, Prototyping, Oral Communication

EDUCATION

University of Waterloo

Expected: April 2029

BASc in Systems Design Engineering, minor in Management Sciences

Waterloo, ON

- Relevant Coursework: Digital Computation, Digital Systems, Organizational Design and Technology, Data Structures and Algorithms, Human Factors in Design, Impact of Information Systems on Organizations and Society

EXPERIENCE

UI Developer

Jan. 2025 – Apr. 2025

Dundas Life

Toronto, ON

- Designed and launched a professional, user-focused wealth planning website using Figma and HighLevel, conducting **competitor analysis** to establish a strong digital presence for a **new customer segment**
- Reduced customer information processing time **by 35% for 30,000+ users** by building **SEO-optimized** landing pages and a scalable megamenu in Webflow with **custom HTML, CSS, and JavaScript**
- Directed and mentored a team of six interns, setting **development roadmaps**, coaching on **brand consistency**, and elevating project outcomes through hands-on leadership

Operations Lead

Oct. 2024 – Present

Waterloo Aerial Robotics Group

Waterloo, ON

- Led sponsor acquisition efforts, securing **\$10,000+ in funding** and expanding team membership by 15% through targeted proposals and recruitment events
- Streamlined internal purchasing by eliminating bottlenecks, reducing procurement cycle time by 30% and accelerating resource acquisition for manufacturing projects

President (Executive Program Management)

Sep. 2020 – June 2024

FIRST Robotics Competition Team 1257

Scotch Plains, NJ

- Built and deployed a new organizational structure for a 100+ member FRC team, leveraging stakeholder input and corporate frameworks to **reduce manufacturing lead times by 3 weeks**
- Instructed the drive team by making **data-driven real-time strategic calls**, enabling collaboration and competition success

PROJECTS

Audio-to-GIF Visualizer

Apr. 2025

- Engineered a WAV-to-GIF converter using **React, Flask, and Python** by mapping binary-encoded audio data to pixel color grids, with dynamic frontend controls for visual customization

Ticketmaster Case Study

Jan. 2025 – Feb. 2025

- Optimized Ticketmaster's purchasing experience by **mapping user pain points** and **redesigning mockups in Figma**, improving navigation clarity and cutting transaction time by up to 25%

Universal Clothes Hanger

Oct. 2023 – June 2024

Grade 12 Engineering Design Capstone

- Designed and prototyped a universal clothes hanger introducing **8 inches of adjustable range**, overcoming the static sizing of standard hangers through **product research, CAD modeling, and iterative design**
- Fabricated a functional prototype with 3D printing and plastic tubing, presenting to stakeholders and receiving state-level recognition for innovative engineering