

# Calvin Lee

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## OBJECTIVE

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Incoming Computer Science student at the University of Waterloo with hands-on experience in software, CAD design, and communications through FIRST Robotics. Accomplished orchestral musician with leadership roles as concertmaster.

## SKILLS

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**Programming:** Python, Java, SQL, HTML, CSS, Javascript, Node, React

**Applications:** Snowflake, Excel

## EDUCATION

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**University of Waterloo** Waterloo, ON, Canada  
**BCS, Computer Science, Faculty of Mathematics** *Expected Graduation Apr 2030*  
– Foundational courses in Functional Programming, Algorithm Design and Data Abstraction

**Shad Canada Alumnus** Montreal, QC, Canada  
**McGill University** *Jun 2023 – Jul 2023*  
– Participated in a STEM-focused summer enrichment program.

## WORK EXPERIENCE

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**Software Developer** Toronto, ON, Canada  
**Thri5** *Jul 2025 – Aug 2025*

- Developed SQL queries to find inconsistencies within customer data
- Created views in SQL to reconfigure and reorganize data in an easier to read format
- Created a Notion-based product management interface to track project milestones and deliverables

**Team Member, FIRST Robotics Team 1360** Oakville, ON, Canada  
**CAD Designer, Programmer, Communications** *Sep 2021 – Jun 2025*

- CAD Designer: Modeled robot components and assemblies in SOLIDWORKS.
- Software Programmer: Supported robot software development and testing.
- Communications: Assisted with media and outreach activities.

**Food Service Worker** Oakville, ON, Canada  
**In-A-Bowl** *Jun 2020 – Aug 2023*

- Provided outstanding food preparation service for walk-in and online customers.
- Generated and handled approx. \$1500 in revenue per weekly shift.

**STEM Teaching Assistant** Mississauga, ON, Canada  
**Young Engineers** *Jul 2022 – Aug 2022*

- Assisted in delivering STEM enrichment programming for youth.

## PROJECTS AND INDEPENDENT LEARNING

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**The Complete Full-Stack Web Development Bootcamp (Udemy)**  
– Full-Stack Web Development: HTML, CSS, Javascript, Node, React, SQL  
– Credential ID: UC-73323ebb-c0e1-4e73-b73f-2274f1cc2924

**Master Modern SQL with Snowflake (Udemy)**  
– SQL Data Definition, Manipulation and Queries in the Snowflake Data Platform  
– Credential ID: UC-38e57053-c2d1-4a89-9d9c-fa996c070005

**CEMC Open Courseware, Centre for Education in Mathematics and Computing**  
– Python from Scratch || Web Page Basics - HTML and CSS || Web Programming in JavaScript

**PC Hardware Build & Industry Enthusiast**  
– Assembled and configured 2 gaming-optimized PCs from custom selected components:  
CPU, motherboard, GPU/graphics card, RAM, hard drive and M.2 SSD storage, case, and power supply

## AWARDS AND ACHIEVEMENTS

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### **Royal Conservatory of Music Certifications**

- Grade 10 Violin, First Class Honours with Distinction.
- Grade 8 Music Theory, First Class Honours with Distinction.
- Grade 6 Piano, First Class Honours.

### **FIRST Robotics Team 1360**

- Served as CAD Designer, Programmer, and Communications lead.

### **Other Awards**

- Selected academic and music awards as listed on LinkedIn profile.

## HOBBIES

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Violin (Concertmaster roles), Robotics, Baseball, Hiking