

# Jake Levy

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## Technical Skills

Languages & Frameworks: C, Java, JavaScript, HTML, CSS, Phaser, Flutter, Unity, R, React

Tools & Technologies: Git/GitHub, SQL, JFlex, Excel, Valgrind, Wicket, BIRT, Figma, Microsoft Office Suite

Collaboration & Workflow: Microsoft Teams, Google Workspace, Agile methodologies, Version Control

Soft Skills: Leadership, Public Speaking, Team Collaboration, Program Planning, Community Engagement, Communication, Mentorship

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## Education

**Bachelor of Computing (Honours), Co-op - Computer Science**

**Sept. 2020 – Apr. 2025**

**Minor in Mathematics**

University of Guelph, Guelph, ON

- Cumulative Average: 93.0%
  - Dean's Honour List: Achieved 90%+ average in all 8 academic semesters
  - Key Academic Projects:
    - MovieChimp: Flutter app for collaborative movie watchlists and group sessions
    - SVG Display/Editor: Full-stack SVG editor using C (backend) and HTML/JS (frontend)
    - C-Minus Compiler: Java and JFlex compiler which translates C-Minus to Turing Machine code, with error handling
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## Personal Projects

**Flappy Bird Clone (Phaser)**

**May 2023 – June 2023**

- Developed a browser-based Flappy Bird clone using the Phaser game framework and JavaScript
  - Implemented collision detection, scoring system, and sprite animations
  - Gained experience with 2D game physics and event-driven programming
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## Technical Work Experience

### Software Developer Intern, Wit Sports

May 2023 – Aug. 2024

#### Remote

- Developed interactive games using Phaser, JavaScript, and React for sports team engagement
- Collaborated with product/design teams to deliver branded games
- Demonstrated strong front-end development and problem-solving in agile environment

### Software Developer Intern, Rethink Solutions Inc.

May 2022 – Dec. 2022

#### 5 Kodiak Crescent, Toronto, ON, M3J 3E5

- Contributed to Itamlink, a property tax management platform
  - Migrated 17+ reports to new UI using Wicket and BIRT
  - Strengthened debugging, UI/UX, and web tool experience
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## Other Work Experience

### Canvasser, Melissa Lantsman Campaign

Apr. 2025

#### 1118 Centre St, Thornhill, ON, L4J 7R9

- Knocked on 1,000+ doors and engaged with community members
- Practiced persuasive communication and public outreach

### Math Tutor

Jan. 2021 – Present

#### 124 Theodore Place, Thornhill, ON, L4J 8E3

- Tutored university math: derivatives, integrals, differential equations
- Tutored high school math: trigonometry, graphing, systems of equations
- Created personalized strategies for different learning styles

### Swim Instructor, Camp Robin Hood

July 2021 – Aug. 2021

#### 10243 Reesor Road, Markham, ON, L6B 1A8

- Taught swimming lessons to campers aged 4-13
- Created daily lesson plans to help campers master swimming skills
- Collaborated with other swim instructors to improve teaching skills

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## Extracurricular Leadership

### Director, University of Guelph Central Students Association

May 2022 – Apr. 2025

- Represented the College of Engineering and Physical Sciences on the Board of Directors of the Central Students Association, The University of Guelph's Student Government
- Participated in board meetings where I helped make decisions for the student body
- Worked with staff to ensure co-op students maintained full student benefits during co-op terms

### President, Hillel Guelph

May 2024 – Apr. 2025

- Led the organization and coordinated programming for the academic year
- Fostered a warm, inclusive Jewish campus community
- Built partnerships with other student clubs and administrators

### Staff, Diller Teen Fellows Toronto

Sept. 2022 – Present

- Second staff for a yearlong leadership program for 20 high school students, culminating in an educational trip to Israel
- Assisted with planning and facilitation of programming

### Undergraduate Thesis Assistant

Sept. 2020 - Apr. 2021

- Used Excel and code to identify data patterns
  - Generated 16+ graphs for published thesis paper
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## Hobbies

### Golf

2013 - Present

- Gold medalist at the 2019 Maccabi Games in Detroit, Michigan