Jake Levy

Toronto, Ontario|jakelevy812@gmail.com|416-268-2471

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

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

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

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