Victoria Leliveld

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OBJECTIVE

Motivated Computer Science and Psychology student minoring in UX Design, seeking employment to apply technical expertise and interdisciplinary knowledge to create innovative solutions in technology, human behavior, and user experience.

SUMMARY OF QUALIFICATIONS

- Developed software solutions using Python, Java, C, HTML, JavaScript, TypeScript, ARM Assembly, and LaTeX.
- Built responsive web applications using React.js, Vite, Tailwind CSS, and Electron.js.
- Designed and developed user-friendly solutions by applying UX principles, user research, and prototyping.
- Collaborated using Microsoft Office, Google Drive, Windows, GitHub, VS Code, Eclipse, Figma, and Canva.
- Strengthened problem-solving, organizational, collaboration, and communication skills through coursework and projects.

EDUCATION

Bachelor of Science in Computer Science and Psychology   Sept. 2023 – Apr. 2027
Wilfrid Laurier University   *Waterloo, ON*

- Minor in User Experience Design, Concentration in Computation and Cognitive Neuroscience
- 4.0 GPA, Dean's Honour Roll Recipient
- President's Gold Entrance Scholarship Recipient, Husky Injection Molding Systems Scholarship Recipient

Ontario Secondary School Diploma   Sept. 2019 – Jun. 2023
Jacob Hespeler Secondary School   *Cambridge, ON*

- Grade 9-12 Honor Roll, Ontario Scholar, Grade 9 Academic Geography Award

PROFESSIONAL EXPERIENCE

Software Development Assistant   Apr. 2025 – Aug. 2025
Teknion   *Toronto, ON*

- Developed a PyQt5-based login and scan interface to support task tracking on a Raspberry Pi system.
- Integrated Python and OCR tools to enable camera-based scanning functionality.
- Tested and deployed the interface on Raspberry Pi hardware for real-world validation.
- Collaborated with a mentor and gained exposure to factory operations through an on-site tour.

Animal Welfare Volunteer   Jul. 2021 – Present
Toronto Cat Rescue   *Kitchener, ON*

- Assisted potential adopters in choosing suitable cats based on their needs and requirements.
- Provided food and water to animals in care, following special diets and medication administration schedules.
- Played a key role in the placement of cats into loving homes by facilitating successful cat adoptions.
- Built an independent website inspired by cat adoption advocacy, using front-end design and interactive media.

PROJECTS

Provinces and Territories Confederation Circuit | *Logic Design, Digital Systems, Circuit Simulation*   Dec. 2024

- Designed a logic circuit to determine Canadian province and territory confederation order using binary representations.
- Developed and simplified logic equations for four-bit outputs using Karnaugh maps and truth tables.
- Built and simulated the circuit in CircuitVerse, verifying correctness with test cases.

SetList – UX Hackathon Prize Winner | *UX Research, Figma Prototyping, Wireframing*   Mar. 2025

- Designed a high-fidelity prototype in Figma for a concert companion app during a 36-hour UX hackathon, applying the full UX process from research to testing.
- Awarded Most Innovative Design and a $300 prize for delivering a creative, audience-focused solution.
- Collaborated with teammates and received industry mentorship to refine the design under time constraints.

RELEVANT COURSEWORK

- Data Structures: In-depth understanding of advanced data structures including arrays, stacks, queues, linked lists, trees, and graphs. Proficient in implementing sorting and searching algorithms.
- Algorithms: Study of algorithmic problem-solving techniques, time and space complexity analysis, and optimization strategies.
- Object-Oriented Programming: Comprehensive knowledge of OOP concepts and applications.