# Sherry Lev

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## TECHNICAL SKILLS

**Languages**: Java, C#, C, **C++**, JavaScript, **TypeScript**, **Kotlin**, HTML/CSS, R, Python
**Tools & Technologies**: Angular, Node.js, Blazor, GitHub, Azure, **Google Firebase**, Jenkins, Linux, AWS, LINQ
**Methodologies**: Object-Oriented Programming, Agile Development (Scrum), UI/UX

## EDUCATION

**University of Waterloo**  Waterloo, ON
*Bachelor of Computer Science, Specialization in Human-Computer Interaction*  *2020 – 2025*
**Courses**: Data Structures and Data Management, Algorithms, Operating Systems, Software Design and Architectures

## EXPERIENCE

**Software Developer - Co-op**  May 2024 – Current
*First National Financial*  *Toronto, ON*

- Designed and implemented a Blazor WebAssembly document management system in C#, integrated with MySQL, and built RESTful APIs to optimize the underwriting platform's file uploads and enhance data retrieval speed by 30%.
- Researched and tested AI tools like GitHub Copilot to evaluate their impact on code quality and productivity, presenting findings that informed potential tool adoption.

**Software Developer Consultant - Co-op**  Sept 2023 – Dec 2023
*Capco (Top 5 Canadian Bank Client)*  *Toronto, ON*

- Engineered RESTful APIs using **TypeScript** (Angular), developed and executed unit tests (JEST) for performance analysis, and integrated server-side functionality with user interface. Achieved 40% time reduction in API data retrieval for client's Single Page Application (SPA).
- Enhanced **SPA** usability by implementing client and server error handling, ensuring seamless management of errors across various integrations.
- Led technical interviews to elicit API requirements for client products, understand use cases, and offer recommendations across 8+ features within a project, increasing user engagement by 80%.

**Software Engineer - Co-op**  Jan 2023 – May 2023
*The Co-Operators*  *Guelph, ON*

- Developed 15+ user-friendly, responsive, and accessible web pages in **JavaScript** (Angular) and **HTML/CSS** to efficiently manage customer vehicle insurance details.
- Created reusable UI components and standardized web page template, contributing to its widespread adoption across 35% of the product, streamlining development efforts and reducing future workload for website maintenance.
- Leveraged **REST APIs** to facilitate seamless loading, saving, and transmission. Integrated functionalities with the product to meet business specifications.

**Cyber Security Engineer - Co-op**  May 2022 – Aug 2022
*TD Bank*  *Toronto, ON*

- Designed and implemented a regulatory compliance platform containing all procedures across cyber department.
- Automated data visualization of compliance reports in Confluence and Jira, saving 5 hours per week.

**IT Developer - Co-op**  May 2021 – Aug 2021
*OPTrust*  *Toronto, ON*

- Developed 5 web pages in HTML/CSS for in-house collective database to store and manage information for auditing.
- Utilized Smartsheet API's to automate manual IT processes. Increased productivity by 15%.

## PROJECTS

**RoomMate** | *Kotlin, Firebase, IntelliJ, GitLab*

- Dynamic Android app (OOP/ MVVM), facilitating seamless household management where users can join and manage roommate groups, split and settle chores and expenses, with a gamified leaderboard enhancing engagement.

**ChamberCrawler3000** | *C++, MS Visual Studio, Git*

- Engineered rogue-like game where player's navigate through chambers, defeat enemies, and collects treasures until reaching final level. Create UML chart for game adhering to OOP principles.