Liv Elliott

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EDUCATION

Bachelor of Computing (Honours)   **Sep 2020 - Apr 2025**

Queen's University, Kingston, ON

- cGPA: 4.0
- Specializing in **Software Design** with professional internship experience
- Scholarships and Awards: Principal's Scholarship (2020), Dean's Honours List (2021 - 2023)
- Relevant Courses: OOP, Data Structures, Algorithms, Software QA, Operating Systems, Business Fundamentals

TECHNICAL SKILLS

- Programming Languages: Python, Java, Ruby, JavaScript, C, C#, Haskell
- Frameworks and Tools: Appium, Django, Flask, Git, PostgreSQL, React JS, Selenium, Unity

RELEVANT EXPERIENCE

Software Developer Intern   **May 2023 - Apr 2024**

Bell Canada, Ottawa, ON

- Optimized team workflow with Bell's internal testing API to build a software solution that automated periodic tasks
- Adhered to **Scrum** practices while developing and maintaining **50+ automation test scripts** with internal testing software, **Appium**, and **Ruby Minitest**, which offset the manual team workload by **80% in 6 months**
- Enhanced code quality by leveraging constructive feedback through **Git** version control

Undergraduate Teaching Assistant   **Sep 2021 - May 2023**

Queen's University, Kingston, ON

- Courses: Creative Computing (Python), Introduction to Computer Science II (Java), Logic for Computing Science (Python), Game Design (C# and Unity)
- Supported **200+ students** by grading coursework and facilitating interactive problem solving sessions

Marketing Director   **May 2022 - Apr 2023**

Queen's Computing Students' Association, Kingston, ON

- Revitalized the Computing council website as **UI/UX lead** by designing interactive prototypes with **Figma**
- Marketed computing-related content to **1400+ students** and increased social media engagement by **45% in 1 year**

PROJECTS

Full-Stack Developer   **Oct 2023 - Jan 2024**

Social Collaboration App - github.com/livelliott/swell

- Designed and developed a **REST API** with **Python**, **Django**, and **JavaScript** to implement dynamic interactions
- Strategically integrated **PostgreSQL** with a robust database management system to optimize application performance
- Enhanced app functionality with **Celery Scheduler** and **Redis Server**, which facilitated asynchronous task execution

Backend Developer & Scrum Master   **Sep 2022 - Dec 2022**

Airbnb Backend Clone

- Emulated the user experience of Airbnb's rental system with **Python**, **Flask**, and **SQLAlchemy**
- Streamlined the automation testing process with **Pytest** and **Selenium**, which increased test coverage

Frontend Developer   **Nov 2022**

AI Chatbot - github.com/livelliott/mot-AI-ve

- Used **Figma** and **React JS** to build a dynamic web application for Hack Western, a 36-hour hackathon
- Collaborated with 3 team members to seamlessly integrate backend functionalities with the user interface design