

Jamie Yi

(437)-986-5579 | jamie.yi@mail.utoronto.ca | www.linkedin.com/in/jamie-yi

EDUCATION

Honours BSc, Computer Science Specialist, Mathematics and Religion Minors
Arts & Science Internship Program **Co-op Stream**
CGPA: 3.77/4.00

Expected Grad Apr 2025

Awards: Dean's List Scholar: 2022, 2023; Later Life Learning OSOTF Award (\$900): 2022, 2023

Coursework: Algorithm Design, Data Structures, Systems Programming, Databases, Web Programming

SKILLS

Languages: Python, Java, C, C#, SQL(PostgreSQL), HTML/CSS, JavaScript

Libraries: Pytest, Swing, Kafka, Kibana/Elasticsearch, Django, React

Developer Tools: [GitHub](#), Git, Postman, Kibana, Jira, Confluence

PROFESSIONAL EXPERIENCE

Software Development Intern, Bell Canada (Toronto, Ontario)

May 2023-Aug 2023

- Spearheaded a project to reduce residential internet outage minutes on business and residential customers.
- Created an algorithm and implemented a **Python** script to check downed service routers and to automate their recovery process, diagnosing the service routers with **NSP API**.
- Used **Kafka Offset Explorer** to inject alarm messages into testing environment and then view messages in **Kibana** to validate code. Ran tests on preproduction code as well using **Postman** and **NSP API**.
- Worked directly with business stakeholders to ensure products being developed lined up with business goals.
- Participated in agile development cycles, code reviews, devops methodology, and CI/CD.

LEADERSHIP

Peer Mentor, Dept. of Computer Science, University of Toronto (Toronto, Ontario)

Sep 2022-Present

- Provided upper-year guidance to 35+ first-year computer science students by facilitating developmental and social activities on a bi-weekly basis (topics such as transitioning to university or job-hunting advice).

Clubs & Merch Director, Innis College Student Society, (Toronto, Ontario)

Apr 2022-Present

- Ordered, inventoried, and sold over \$8000 worth of Innis College-related merchandise annually.
- Manage budgets, provide support for events, and consult with club chairs with how to best deliver programming for 5 clubs that 100s of Innis College students participate in.
- Led the student society along 15 other students, participating in biweekly meetings to discuss affairs

PROJECTS

[PetPal](#) – HTML/CSS, JavaScript, Django, React

September 2023-December 2023

- Created a pet adoption webapp in a group of 4 students.
- Built webpages from scratch using **HTML**, **CSS**, and **JavaScript**.
- Backend API was implemented using **Django** REST framework, **React** was used for the frontend to connect the HTML pages to the backend

[Newtonian Apples](#) (NewHacks 2023 project) – C#, Unity Engine

November 2023

- Created a webapp to promote interactive physics learning, including 3 modules that simulated common physics questions; taking in user input to model different situations of the same type of question.
- Developed the 2D kinematics web module in Unity Engine, using **C#** to implement realistic physics trajectories for projectile launch, as well as adjusting the projectile trajectory depending on user input.

Home Server – Server and Network Configuration

May 2023

- Built a multi-purpose home server that served as a network drive on my home network, and as a Minecraft server that anyone on external networks could connect to.
- Configured the FreeBSD **Unix**-like server operating system to enable desired features, as well as port forward network traffic to make services externally available.