Sienna Luong

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Education

University of Western Ontario   **Expected May 2024**
Bachelor of Science, Major in Computer Science   *London, ON*

- Western Scholarship of Excellence, Western Dean's Honors List (2020-2022)
- **Relevant Coursework:** Data Structure and Algorithm, Software Tools and System Programmings, Full stack developer (Codecademy), iOS Development (Code Path)

Technical Skills

- **Programming languages:** Python, Java, C, C#, Javascript, Swift, HTML/CSS
- **Database:** DBMongo, SQL, SQLite
- **Frameworks:** Django, Flask, Angular, Spring
- **Agile Frameworks:** Scrum, Kanban
- **Tools:** Figma, Jira, VSCode, Git, Eclipse, Linux/UNIX, Google Collab, Netlify, Unity

Experience

Vietnam Cyberspace Security Technology   **July-August 2022**
Software Developer Intern   *Hanoi, Vietnam*

- Examined 5+ cybersecurity products such as **Splunk** or **BeyondTrust**
- Crafted a penetration testing solution under 24 hours using **Python Socket**
- Led a team of four interns to re-design the users' dashboard based as part of an Agile project using **Figma**

Freda Capital   **June-August 2022**
Summer Analyst   *Remote*

- Reduced deal sourcing time by 80% by creating data cleaning functions in VBA
- Identified important industry trends by processing 10+ private equity firms' investment database

Technical Projects

Tagman (*Unity 3D Engine, C#*)
Hackcade 2   **October 2022**

- Recreated Pacman from a first person perspective
- Formulated a recursive backtracking algorithm to generate random maze based on chosen dimensions

Retiree Restoration (*Figma*, *React and Bootstrap*)
Hacks for Humanities 2022 - Top 7 Finalists   **October 2022**

- Led a team of 4 developers to build an event-hosting website that solves the problem of social isolation among the elderly in the post-COVID world.

Distributed Password Cracker (*Python socket* and *Tkinter*)   **August 2022**
VNCS 24-hour Coding Challenge - Second Place

- Built a distributed system to crack a MD5-hashed 4-6 character-long password
- Formulated an algorithm to generate **17550+** password combinations under 1 minute