Sienna Luong

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Education

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

- GPA: 3.7/4.0; 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, Bash Scripting
- **Database/Frameworks**: DBMongo, SQL, SQLite, Django, Flask, Angular
- **Tools:** Figma, VSCode, Git, Eclipse, Linux/UNIX, Google Collab, Unity, Keras, Tensorflow

Professional 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 Socke**t
- Led a team of four interns to re-design the users' dashboard 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

Moodify (*Django, Python, Cohere AI, HTML/CSS*)
AI Hacks - Third Overall and "Best Conversational AI"   December 2022

- Built an AI chatbot that analyzes the users feelings' and thoughts, and recommends the suitable mental health activities accordingly.
- Preprocessed 10,000 data points, improving the accuracy of the model to 85%.

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*)
VNCS 24-hour Coding Challenge - Second Place   August 2022

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