

SKYLAR SAMSON LIANG

SkylarSL.com | 905-512-7876 | skylarsamsonliang@gmail.com | [linkedin](#) | [github](#)

Technical Skills

Languages: Python | Bash | YAML | JavaScript | Typescript | HTML | CSS | Java | C++ | C | PHP | SQL

Developer Tools: Burp Suite | Kubernetes | Docker | Wireshark | Github Actions | GCP | Terraform

Experience

Cybersecurity Analyst

Jan 2023 - Apr 2023

BDO

Toronto ON

- Performed **OSINT exercises** by collaborating with the red team and creating scripts to increase efficiency of searches
- **Created comprehensive reports and diagrams** of various offensive attacks for clients to facilitate understanding
- Initiated and guided the use of **PlexTrac** to enhance the team's reporting capabilities and efficiency
- Created **presentations and RFPs** in response to service requests from clients
- Completed research for upcoming security issues with **AI and SBOM**

Security Engineer

May 2022 - Aug 2022

Ecobee

Toronto ON

- Used a **Github Vault Plugin** to implement a secure secret management feature and **kick started integration** for teams
- Implemented **Kubernetes** security policies on the core infrastructure to reduce vulnerabilities and reduce attack surface
- Assisted with company-wide **certificate renewal and creation** to prevent outage and maintain secure connections
- Collaborated with teams to resolve various vulnerabilities reported on a bug bounty program

Fullstack Developer

Sep 2021 - Dec 2021

Oanda

Toronto ON

- **Used React and Pyramid** to implement a feature that **tracked millions of users' actions** to assist onboarding team
- Migrated **Angular** web pages to **React** web pages, used by thousands of corporate users to register new accounts
- Worked closely with design team and business team to develop new user end states using **React and XState**

Fullstack Developer

Sep 2020 - Dec 2020

Workplace Safety Insurance Board

Waterloo ON

- Created a mobile web app, used by thousands of employees, to track covid and **achieved 90%+ scores on Lighthouse**
- Researched and documented digital ID concepts, and applied knowledge to build a POC using **React and Expressjs**
- Implemented custom web features for management, using **React and Firebase**, to assist with the hiring process

Web Developer

Jan 2020 - Mar 2020

Simplistics Web Design

Waterloo ON

- Used **PHP** and worked closely with design team to build **custom websites** and **web page updates** for clients
- Updated past websites to patch vulnerabilities and improved load performance by **reducing load times by 55%**

Projects

Memepo | [Link](#)

- Built a **functional** online repository where users can view and share images asynchronously so that the user does not lose their scroll position when they post new content, made with **React and Firebase**

Education

University of Waterloo

Sep 2018 - Apr 2023

Bachelor of Honours Computer Science Co-op

Waterloo, Ontario

- **Related and interesting course work:** Systems Security | Applications of Cryptography | Computer Networks | Computer Security and Privacy | Algorithms | Database Systems | Data Structures and Data Management