

# ALICE SCHMIDT

Toronto, ON

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## Education

### Ontario Tech University

*Bachelor of Science (B.S.), Computer Science*

Sep. 2018 – May 2022

Oshawa, ON

## Experience

### Free For All Foundation

January 2024 – May 2024

*Data Analyst*

*Brampton, ON*

- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

### Freelance

April 2023 – September 2023

*Web Developer*

*Mississauga, ON*

- Lead the development and design of an e-commerce Shopify app that receives 10000+ views per month.
- Implemented responsive Shopify Point of Sale UI Extensions and backend APIs using React and Typescript.
- Collaborated effectively with project manager and advising software engineer to integrate feedback and align development with project goals and user needs.

### MetaWorldX

September 2023 – December 2023

*Cybersecurity Consultant*

*Mississauga, ON*

- Performed vulnerability assessments using ZAP, Nmap, and OpenVAS, allowing us to identify and provide remediation plans for 20+ critical vulnerabilities.
- Enacted security and compliance audits, and IT general controls under the COBIT framework. Prepared reports and recommendations to bring the environment and infrastructure up to compliance with PIPEDA, PCI DSS, and GDPR.
- Designed incident response plans and playbooks, according to NIST SP 800-61, for different scenarios such as malware, phishing, IDS/IPS alerts.
- Performed black box penetration testing on networks and web apps using Wireshark, Metasploit, John the Ripper, BeautifulSoup, and Scapy, resulting in the discovery of 10+ security vulnerabilities.

## Projects

### Taskr (Kanban-style issue tracker) | React, FastAPI, SQLite

June 2023

- Utilized React to generate user interface and react-beautiful-dnd to facilitate dragging and dropping of columns and tasks
- Created an SQLite database and FastAPI API to cache user data and handle HTTP requests.
- Implemented account registration and session login with OAuth and Bcrypt password hashing

### COVID-19 Health App | Flutter, Dart, Firebase, Android Studio

April 2022

- Collaborated in order to create a mobile health app that provides resources and information for COVID-19, including government information and alerts.
- Implemented user registration and account creation through Flutter and Firebase.
- Developed Geolocation service allowing users to locate local hospitals and clinics, as well as information pertaining to them.

### Music App | HTML, CSS, Javascript, Node.js, MongoDB, Pug.js

March 2022

- Worked within a team in order to make a full stack music-playing browser app that allows users to listen to music.
- Allowed users to create, read, update, and delete playlists and songs.
- Implemented user registration, as well as the ability for users to share playlists online.

## Technical Skills

**Languages:** Python, Java, C, HTML/CSS, JavaScript, SQL

**Databases:** MySQL, PostgreSQL, MongoDB, AWS, SQLite

**Technologies/Frameworks:** Linux, Jenkins, GitHub, JUnit, WordPress, NodeJS, JQuery, React, Git