Tristan Langer

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EDUCATION

UNIVERSITY OF VICTORIA
Bsc in Computer Science
Dec 2023 | Victoria, BC

COURSEWORK

UNDERGRADUATE
Security Engineering
Operating systems
Computer Networks
Software Testing
Cryptography
Algorithms and Data structures
Massive Data Sets
Intro to Computer Graphics
Databases
Computer Architecture
Programming Languages

SKILLS

LANGUAGES
Python • TypeScript • Java
Javascript • C • HTML5 • CSS • SQL

FRAMEWORKS/LIBRARIES
React.js • Next.js

DATABASES
SQLite • MongoDB

TECHNOLOGIES
Node.js • Figma • Kali Linux

LINKS

LinkedIn://**Tristan-Langer**
Github://**tritan89**

EXPERIENCE

PROVINCE OF BRITISH COLUMBIA, INFORMATION SECURITY BRANCH | Vulnerability and Risk Management CO-OP
May - August 2022 | Victoria, BC

- Worked with Cloud Based platform ServiceNow to build a security threat and risk assessment application JavaScript, HTML and CSS.
- Participated in risk analysis and penetration testing for several applications.
- Involved with monitoring and awareness departments conducting internal phishing.
- Learned fundamental methodologies of security including the CIA triad, principle of least trust, and basic cryptographic practices.

SHERWIN WILLIAMS | Sales Associate
March - May 2022 | Victoria, BC

- Worked in a team-based job where organization and communication were essential.
- Took and filled orders for customers, matched paint samples and gave advice for painting.
- Practiced excellent customer relations and business etiquette.
- Leaned how to order and manage supplies while dealing with a shortage of materials.

PROJECTS

ROOT | Tourism Guide app
Designed a prototype in Figma and built the login and user database of the app using next.js, nextAuth.js and mongoDB.

PERSONAL WEBSITE | Programming blog
Built a blog style website using Next.js and Tailwind CSS for the styling.

CYBERSCI REGIONAL COMPETITION | Cybersecurity CTF challenge
Used Kali Linux and its suite of tools to solve security challenges in a national competition. Our team Scored 19th in Canada in our first competition.

ADVENT OF CODE | Daily coding challenge
Participated in the 2022 advent of code challenge.

VOLUNTEERING

WRESTLING COACH
- Helps coach wrestling at high-schools in both Victoria and Vancouver.
- Leads practices and helps young wrestlers develop their skills.