

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

BUFFALO | MEAL PLANNING APP

Built a food management application using React-Native and Firebase.

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.