

# TRISTAN SLATER

SOFTWARE ENGINEER

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🌐 trslater

in tristanlater

I am a software engineering graduate from the University of Victoria with more than 12 years of experience in the tech industry, working on projects for large companies such as Coca-Cola and eBay, teaching technology classes at the University of Alberta, and running my own freelance web development business.

## EDUCATION

Sep 2016–Apr 2023

Victoria BC

### Bachelor of Software Engineering (BSEng)

University of Victoria

- Cumulative GPA: 7.65 (~3.8)
- ML specialization
- Graphics specialization

## EXPERIENCE

Sep 2019–Dec 2020

Victoria BC

### Front End Developer (Co-Op)

SunTracker Technologies Inc.

- Headed rebuild of greenhouse designer web app GUI
- Headed rebuild of greenhouse designer app server in Python Django
- Developed, deployed, and managed an NGINX web server
- Developed a Python interface for proprietary C++ library

Sep 2018–Aug 2019

Victoria BC

### Software Developer (Co-Op)

Viral Bioinformatics Resource Center, Department of Biochemistry & Microbiology, University of Victoria

- Developed, deployed, and maintained Java-based bioinformatics tools
- Initiated several security and workflow improvements
- Headed rebuild of EC2 instance after attack
- Managed AWS EC2 instances
- Initiated, defined requirements for ReactJS-based pilot project
- Maintained WordPress website

**Oct 2011–Sep 2013**

Edmonton AB

## Contract Instructor

University of Alberta's Technology Training Centre

- Developed and taught courses in web development
- Taught courses in Microsoft Office and Creative Suite
- Consistently received excellent feedback from students

**May 2008–Sep 2016**

Edmonton AB / Victoria BC

## Freelance Web Developer

Self Employed

- Created websites for a wide variety of clients from realtors to storytellers
- Managed client project life-cycle from conception to maintenance
- Constantly developed and improved development process/toolchain
- Learned PHP, JavaScript, and MySQL to create custom interactive content
- Kept ended with relevant web technologies, frameworks, such as HTML5/CSS3 and WordPress

**Aug 2004–Mar 2008**

West Kelowna BC

## Creative Designer

PureSafety Inc. (now part of UL)

- Embraced chance for learning and development
- Learned ActionScript to contribute to interactive learning activities
- Used scripts to automate production
- Worked with big names such as Coca-Cola and eBay

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### TECHNICAL COMPETENCIES

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#### Languages

- Python
- JavaScript
- HTML/CSS
- C/C++
- Java

#### Libraries

- FastAPI
- Django
- MkDocs
- React

#### Dev Tools

- Git/GitHub
- Docker
- AWS
- Visual Studio Code

#### UNIX

- Filesystem
- CLI tools
- Bash

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### CORE COMPETENCIES

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### HOBBIES & INTERESTS

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Guitar

Hiking