TRISTAN SLATER

SOFTWARE ENGINEER

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in tristanslater

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

TECHNICAL COMPETENCIES

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