

# Chris Foster

1 (250) 572-7938

chris.james.foster@gmail.com

Victoria, BC

---

## Key Skills

**Frontend Development:** React, Redux, Angular, CSS3, HTML5, CouchDB

**Backend Development:** Node, Elasticsearch, NoSQL, Redis, REST API's

**Data Science:** Python, Tensorflow, Keras, linear models, neural networks

**Devops:** Amazon Web Services, Docker, Rancher, Heroku, CI / CD

---

## Professional Experience

### Software Developer

*September 2016 - Present | Remote*

Two Story Robot Labs Inc.

Javascript developer for multiple in-house SaaS products, and contract development for both government and private organizations. While I primarily focus on development, the contracting positions often require support, research, and mentoring roles. I develop with technologies such as Node, AWS, C++, Elasticsearch, RethinkDB, AngularJS, CouchDB, Docker, React, and Redux.

### Software Developer

*September 2012 - September 2016 | Kamloops, B.C.*

MemoryLeaf Media Inc.

Full stack web application developer for multiple company SaaS products, as well as external contracting work for government and private organizations. Primarily worked with Javascript. Developed with technologies such as Node, Backbone, Marionette, jQuery, Elasticsearch, MongoDB, AngularJS, CouchDB, RethinkDB, Docker, and React.

### Freelance Web Developer

*April 2011 - November 2012 | Kamloops, B.C.*

Independent Professional

Freelance web developer for a number of local businesses, organizations, and government entities. Many smaller projects focusing on simple web design for commercial businesses or community outreach, with a few larger projects consisting of full stack web applications made to handle large amounts of data and users. Websites were designed in raw HTML/CSS and web applications built with MySQL, PHP, jQuery, and Backbone.

---

## Education

### Master of Science

Major in Computing Science

Research in Machine Learning and Computational Neuroscience

*September 2016 - June 2018 (expected)*

University of Victoria, Victoria, British Columbia

## **Bachelor of Computing Science**

Specialization in Software Engineering

Awarded the TRU Medal of Computing Science for highest graduating GPA

*September 2012 - June 2016*

Thompson Rivers University, Kamloops, British Columbia

---

## **Conference Presentations**

### **Decoding Word Semantics and Learning in EEG Data via an Artificial Language**

Conference on Cognitive Computational Neuroscience (September 2017) - New York, USA

### **Response Time Predictions for Stack Overflow**

TRU Undergraduate Research & Innovation Conference (March 2017) - Kamloops, Canada

### **Tracking Cattle with Infrared Imaging Drones**

UBCO Undergraduate Research Conference (April 2015) - Kelowna, Canada

TRU Undergraduate Research & Innovation Conference (March 2015) - Kamloops, Canada

---

## **Scholarships and Awards**

**President's Research Scholarship** - *Sep 2016 - \$4,000*

**University of Victoria Fellowship** - *Sep 2016 - \$13,500 (Declined)*

**Outstanding Graduate Entrance Award** - *Sep 2016 - \$5,000*

**Canada Graduate Scholarship Master's Award** - *Sep 2016 - \$17,500*

**TRU Alumni Association Award** - *Nov 2015 - \$1,200*

**British Columbia District Award** - *Nov 2012 - \$500*

**British Columbia Provincial Award** - *Sep 2012 - \$1,000*

---

## **Relevant Volunteer Experience**

**TRUCS Support Lab Volunteer** - *Sep 2015 - Dec 2015*

**TRUSU Computer Science Club Board President** - *Nov 2014 - Jun 2016*

**TRUSU Computer Science Club Board Vice President** - *Mar 2014 - Nov 2014*

**TRUSU Computer Science Club Board Events Coordinator** - *Nov 2013 - Mar 2014*

**Startup Weekend Kamloops Assistant Organizer** - *Jun 2013 - July 2014*

---

## **Software Certifications**

**AWS Certified Solutions Architect Associate** - *September 2017*

**MongoDB Developer Course Certification** - *December 2012*

**Coursera Machine Learning Course Certification** - *December 2011*