

Chris Kelly
Phone: 250.896.2421
Email: cpjkelly@uvic.ca
GitHub: github.com/cpjk

EDUCATION

YEAR	INSTITUTION	MAJOR
2013-2015	University of Victoria	Software Engineering
2010-2013	University of Victoria	Biochemistry

Cumulative G.P.A: 7.72/9.00 **Present Year of Study:** 2B

TECHNICAL SKILLS

Programming Languages: Ruby, Elixir, C, Java, JavaScript (Node.js)
Operating Systems: Linux, OS X
Web Frameworks: Ruby on Rails, Express, AngularJS
Version Control: Git, SVN

WORK EXPERIENCE

Software Developer FreeRunning Technologies. May – August 2014, January – April 2015

- Developed e-commerce web applications in Ruby on Rails (numerous projects)
- Git, Gerrit code review, Jenkins CI
- Full-stack web development using TDD.
 - Extensive back-end and front-end development using Ruby, HTML, CSS, and JavaScript

Bioinformatics Research Assistant University of Victoria, Viral Bioinformatics Laboratory - Dr. Chris Upton.
May– August 2013

- Co-authored an academic paper describing the program “Suffix Tree Searcher,” published in the academic journal BMC Research Notes.
- Maintained the laboratory website, virology.ca.
- Conducted bioinformatics research on the Influenza A virus genome.

Co-op Research Assistant under the supervision of Dr. John Taylor
University of Victoria, Department of Biology, Comparative Genomics Laboratory
May– August 2012

- Worked as Linux system administrator, conducted bioinformatics research,
- Developed Perl scripts for genomic data retrieval and organization from remote SQL databases, created script-usage tutorials for legacy scripts.

OTHER WORK EXPERIENCE

Software Developer UVic ECOSat satellite design team, Communications group

- Wrote the fixed-point trigonometry functions for the digital signal processing system of the modem of a low-Earth-orbit communications micro-satellite.

OPEN SOURCE WORK

- Canary – An authorization and resource-loading library written in Elixir (github.com/cpjk/canary)

AWARDS AND SCHOLARSHIPS

2013: Accepted **UVic Golden Key** membership – Top 15% of science students by GPA

2013: NSERC Undergraduate Student Research Award

2012: **University of Victoria President’s Scholarship** – Awarded on basis of academic excellence

2012: **University of Victoria, Faculty of Science Dean’s List Member**– Top 10% of science students by GPA