

Chris Kelly

Phone: 250.896.2421 Email: cpjkelly@uvic.ca

Website: cpjk.me GitHub: github.com/cpjk

EDUCATION

YEAR

2013-2015

2010-2013

INSTITUTION

University of Victoria

University of Victoria

MAJOR

Software Engineering

Biochemistry

Cumulative G.P.A: 7.72/9.00 Present Year of Study: 3A

TECHNICAL SKILLS

Programming Languages: Ruby, Elixir, python, C, Java, Javascript (Node.js)

Operating Systems: Linux, OS X

Web Frameworks: Ruby on Rails, Phoenix, Express.js

Version Control: Git, SVN

WORK EXPERIENCE

Software Developer Demonware Inc. (Activision-Blizzard) September – December 2015

- Developed tools for automating the deployment, configuration, and management of data center inventory, supporting multiplayer Activision games including Call of Duty, Destiny, and Diablo III.
 - Development using Python, Ruby, and Shell.
 - Designed and implemented new features for custom configuration data store.
 - Developed and used Docker containers for development.

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

- Developed world-class e-commerce web applications using Ruby on Rails.
 - Designed and implemented new systems to solve long-standing problems.
 - Re-factored large and complex legacy systems.
 - Worked directly with clients to work out feature specifications.
 - Extensive full-stack development in Ruby, Javascript, HTML, and CSS.

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.
- Developed Python scripts to generate hundreds of gigabytes of genomic sequence data, and to stress-test different bioinformatics tools.

EXTRACURRICULAR WORK

Software Engineer 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, slated for launch.

Open source work

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

AWARDS AND SCHOLARSHIPS

2015: **Charles Humphrey Memorial Scholarship in Engineering** – Awarded to two outstanding students proceeding to year 3 or 4 of the Engineering program.

2015: **University of Victoria President's Scholarship** – Awarded on basis of academic excellence

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