Chris Kelly
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EDUCATION

YEAR	INSTITUTION	MAJOR
2013-2016	University of Victoria	Software Engineering
2010-2013	University of Victoria	Biochemistry

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

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Ruby, Elixir, C, (HTML, CSS)
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
- Worked on improving the systems that automate the deployment and management of data center inventory, supporting multiplayer games including Call of Duty, Destiny, and Diablo III.
    - Designed and implemented new features for a custom server configuration data store as part of a distributed configuration management architecture.
    - Worked on improving distributed systems using Python.
    - Containerized applications for portability using Docker.

Software Developer Stembolt. May – August 2014, January – April 2015
- Developed world-class e-commerce web applications using Ruby on Rails.
    - Extensive full-stack web development in Ruby, JavaScript, HTML, and CSS.
    - Acted as the primary developer on a major e-commerce project.
    - Designed and implemented new systems to solve long-standing problems.
    - Re-factored large and complex legacy systems.
    - Worked directly with clients to negotiate feature specifications.

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
- **Creator and maintainer** - Canary – A popular 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