

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: 7.71/9.00 Present Year of Study: 3B

TECHNICAL SKILLS

Programming Languages: Ruby, Elixir, Python, JavaScript, C, Java
Operating Systems: Linux, OS X
Web Frameworks: Ruby on Rails, Phoenix
Version Control: Git, SVN

WORK EXPERIENCE

Software Developer Intern Shopify. May - August 2016

- Led research into optimizing Shopify's image compression.
- Led the design and implementation of a new protocol for the context-free representation of arbitrary data, and the rendering of that data by arbitrary clients.
- Improved the UI and UX of Shopify's "timeline" feature.

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

- Worked on improving the distributed systems that automate the deployment and management of data center inventory, supporting multiplayer games including Call of Duty, Destiny, and Diablo III.
 - Developed robust systems for automating the configuration and management of servers.
 - Designed and implemented new features for a custom server configuration data store as part of a distributed configuration management architecture, using Python, Shell, and Ruby

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.
 - Agile development with testing, pair programming, and continuous delivery.
 - 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.

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 - Created 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