

My Current Projects

C Spray Software	https://github.com/csprayca	11/2018 - now	My entrepreneurial spirit, software engineering knowledge, and education in psychology are all elements I have cultivated to provide value wherever I work. I am able to communicate effectively with a variety of experts due to my high level knowledge and interests that intersect the private and the public fields. I work diligently, and I do good work.
Daily Vibes	https://dailyvibes.ca	11/2017 - now	
C Spray	https://cspray.ca	09/2017 - now	
Elderoost	https://elderoost.com	07/2017 - now	

My Professional Technical Experience

Worked as Klick Programmer at [Statistics Canada](#) from 06/2016 to present

- Responsible for maintenance and development of a **critical legacy e-learning platform, e-learning course content, and e-learning courses** using: html, css, javascript, VB.Net, and ASP.NET
- **Apply** theoretical **software engineering knowledge** practically in **various domains of enterprise software** such as: research and analysis of software; acquisition of enterprise software; protocol compliance for things like accessibility and language
- Worked in a regional office in Toronto for an Ottawa team since June 2017; fully remote work since November 2018
- Aid and maintain client relations through guidance and proper communication from conception to a product
- *TOOLS: HTML, CSS, JavaScript, jQuery, accessibility, standards, enterprise modernization, agile software development, multi-team, enterprise, enterprise software acquisition, long-term enterprise software systems, private and public business relations, Adobe Photoshop, Adobe Captivate, JIRA, Microsoft TFS*

Software Developer (co-op) [IBM Canada](#) 01/2016 04/2016

- Given opportunity to lead research, development, and **implementation of cross-platform keyboard navigation** using JavaScript within project navigation panels used on the [IBM Cognos Analytics](#) project
- Refactored and abstracted styling of the panels to create a **great responsive cross-browser experience** (IE, FF, Chrome, iOS Safari)
- Iteratively **collaborated with staff designers** in creating functionality that aligned with IBM's brand
- Contributed to reduction of software regressions **during greenfield accessibility work** on the panels
- [Volunteered](#) with hosting IBM's **community involvement** in the [hacking health initiative](#)
- *TOOLS: Jazz RTC, Maven, Java, Node.js, jQuery, HTML, CSS, JavaScript, ES5, Dot.js, Intern.js, Chai.js, Slack, agile software development, test driven, multi-team development processes, code reviews, ReviewBoard, enterprise, accessibility*

Software Developer (co-op, staff) [Teldio](#) 05/2015 12/2015

- Involved in the development and implementation of **various features** in a [real-time networking collaboration tool](#) that **lead to employment opportunity** during school
- **Developed proprietary parser** used for automatic conversion of HTML content into a PDF document by extending the prawn ruby gem library
- **Improved** customer's **security** of sensitive document manipulation on **Amazon S3** using ruby by dynamically allocating custom buckets (as opposed to, for example, hosting them all in one public bucket)
- Refactored and standardized all templates to use Handlebars templating language
- *TOOLS: Backbone.js, Marionette.js, jQuery, Trello, Github, Heroku, AWS, HTML, CSS, Coffeescript, RSpec, FactoryGirl, Slack, PostgreSQL, agile software development, S3, puma, passenger, accessibility, enterprise*

Other Technical Experience

<i>Software Developer (freelance)</i>	<i>Keyframes project</i>	<i>07/2018</i>	<i>08/2018</i>
<ul style="list-style-type: none"> - Aided Thinko studio in implementing a macOS screenshot recorder client using Swift language for their social network experiment - you can view real-time user submissions - version 2 (improved significantly) - Iteratively implemented a custom native user interface (Cocoa) based on requirements from wireframes - Added fastlane.tools to save time by automating product packaging and distribution - Researched, documented, and created a prototype of a subscription model based MVP using Stripe's API - <i>Tools:</i> Ruby, Ruby on Rails, GitHub, Swift, macOS 10.11-10.14, Heroku, S3, Notion, Carthage, Stripe, Fastlane, agile software development, PostgreSQL, Slack, JavaScript, html, css, automation 			
<i>Software Developer (freelance)</i>	<i>Screenhole project</i>	<i>04/2018</i>	<i>08/2018</i>
<ul style="list-style-type: none"> - Helped Thinko studio in implement several features for experimental Screenhole social media network on front-end using React JavaScript framework; on back-end using Ruby on Rails; and on macOS using Swift. - Implemented MVP macOS screen recorder that allows users to share video recording of an area on their active screen (arbitrarily constrained to a maximum of 10 seconds) - Video content is encoded using mp4 format and uploaded to Amazon S3 via a server - Implemented and automated test driven development on Codeship platform - <i>Tools:</i> Ruby, Ruby on Rails, GitHub, JavaScript, React.js, Swift, macOS 10.11-10.14, Heroku, S3, Notion, Carthage, Fastlane, Slack, agile software development, JavaScript, html, css, automation, testing, PostgreSQL 			
<i>Software Developer (freelance)</i>	<i>Pttrns project</i>	<i>11/2017</i>	<i>08/2018</i>
<ul style="list-style-type: none"> - Aided software engineering knowledge during owner and assets transfer - Suggested improving community engagement via a creation of a chat group - currently has 486 members - Uncovered and patched critical software infrastructure issues that allowed users to bypass authorization and, thus, obtain paid content for free - <i>Tools:</i> Ruby, Sinatra, JavaScript, jQuery, GitHub, Slack, Heroku, Redis, PostgreSQL, html, css, automation 			

Other Experience

<i>Software Developer (freelance)</i>	<i>BetaList project</i>	<i>01/2018</i>	<i>08/2018</i>
<i>Software Developer (freelance)</i>	<i>Milieu</i>	<i>05/2016</i>	<i>09/2016</i>
<i>Software Developer (academia)</i>	<i>Research project</i>	<i>09/2016</i>	<i>12/2016</i>
<i>Software Developer (academia)</i>	<i>Capstone project</i>	<i>09/2016</i>	<i>04/2017</i>
President	<i>Software Engineering Student Association</i>	<i>01/2016</i>	<i>01/2017</i>
Vice President	<i>Software Engineering Student Association</i>	<i>10/2015</i>	<i>12/2015</i>
Director of Media Relations	<i>Software Engineering Student Association</i>	<i>04/2015</i>	<i>09/2015</i>
Owner/Photographer	<i>Get A Kluew Photography</i>	<i>05/2014</i>	<i>09/2014</i>
Courier	<i>HealthTrans Services Inc</i>	<i>05/2013</i>	<i>09/2013</i>
Courier	<i>FedEx Express</i>	<i>05/2012</i>	<i>09/2012</i>
Retail Sales	<i>Canadian Tire</i>	<i>11/2007</i>	<i>09/2011</i>

Education

Software Engineering (B.A.Sc.) 8.5 GPA /10	University of Ottawa	01/2014	05/2017
Psychology (B.Sc.)	University of Ottawa	09/2006	05/2010

Awards & Certifications

Starter Company Plus Grant (Toronto Cohort)	01/2018 - 09/2018
Engineering Intern (EIT) Program	12/2017 - present
Dean's honour list (awarded November 2017)	2016-2017
Dean's honour list (awarded March, 2017)	2015-2016
Dean's honour list (awarded November, 2015)	2014-2015
Summer Company Grant (Ottawa Cohort)	2014

Technical Skills

<i>Languages & Markups</i>	Ruby, JavaScript, Java, Swift, Handlebars, Coffeescript, LaTeX, HTML5, CSS3, JSON, Dot.js, Markdown, JSX, TypeScript
<i>Libraries & Frameworks</i>	Ruby on Rails, React.js, Node.js, Express.js, Jest.js, Ember.js, jQuery, Backbone.js, Marionette.js, Intern.js, Chai.js, RSpec, JUnit, Mockrunner, QUnit, React Native
<i>Tools & Practices</i>	Git, Heroku, TravisCI, PostgreSQL, Codeship, AWS (S3, Cloudfront), Jazz RTC, Maven, JIRA, Surge.sh, ESLint, JSHint, IBM Bluemix, Redis, Cloudflare, json:api, Linode, SQLite
<i>Other</i>	Adobe Photoshop, Lightroom, Premiere Pro

**Thank you for reading this far, and for your consideration.
Have a really good day!**