

# charliewright

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## contact

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## languages

native english speaker  
french, basic spanish

## objective

Solve hard business problems in a concise and timely manner. Apply knowledge of best practices to improve team productivity and product quality. I want to improve team morale with good nature and relentless optimism.

## education

2009-2014

**McGill University** Bachelor of Arts  
*Double Major Computer Science and Economics*

## employment

06/2016 - 03/2017 **Vision Critical, Vancouver**

Intermediate Software Engineer

- Developed front-end views that dealt with hundreds of thousands of daily users using d3.js, knockout.js, angular.js, scss stylesheets.
- Implemented a karma.js unit testing framework, grunt.js build scripts
- Developed web components from jquery.ui prototypes that interfaced with several JS frameworks: angular, react, knockout, pure js.
- Refactored massive css stylesheets into a modular scss hierarchy.
- Implemented a google analytics event tracking module to provide actionable insights to product owners
- Read books such as Clean Code, Javascript: The Good Parts. I used these books to define team-wide code quality best practices.
- Responsible for mentoring co-ops and new hires.

10/2014 - 06/2016 **Vision Critical, Vancouver**

Junior Software Engineer

- Fixed bugs in the backlog to learn codebase and agile methodologies
- Wrote unit tests in javascript, and c#, migrated unit test framework
- Developed UI components for library shared by 75+ developers
- Helped build out the client api in c# .NET framework
- Extended a Javascript-based HTML rich text editor and learned about the differences in browser engine implementations (Chrome, IE, Firefox, Safari)
- Dealt with performance issues of two-way data binding in Knockout.js in a single-page web application.
- Applied principles of Object-Oriented Design Patterns to design modules in a javascript MVC framework.
- Organized company-wide social events and coordinated with c-level executives to improve company morale and promote cultural values.

Summer 2013

**RocketOwl Labs, Ottawa**

Intern

- Worked in .Net Framework to perform data Analytics on a Facebook Game release
- Developed a web service to do data collection, using SQL queries on a nightly basis to crunch user event data.
- Made a web application to present visualizations of user data using google's javascript charts, and D3.js

## skills

Javascript, C#, Html, SCSS/CSS, git, node.js, jQuery, Knockout.js, React.js, d3.js, qunit  
I consider myself to be language agnostic. Although I am comfortable in web technologies, I am capable of picking up languages and tools on the fly to hop in on any sort of project. I have excellent verbal communication and interpersonal skills. I am honest, and speak with candor. I quickly develop friendly relationships with coworkers.  
I have academic experience with Discrete Mathematics, Data Structures, Algorithm design, Probability/Statistics, Design Patterns

## hobbies

- I enjoy Big Mountain Skiing. I have avalanche safety and ski coaching certifications.
- I was a Varsity athlete throughout University and was the team fitness coach at the University. I am a crossfit hobbieist, and enjoy riding my mountain bike.
- Reading books on my kindle. I like both fiction, and non-fiction. Sometimes when my code is compiling, I will read books on software development. I keep track of books I have read on my blog.
- DIY: car repairs, bicycle repairs, woodworking.