

# Charles P. Clermont

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## EDUCATION

### MCGILL UNIVERSITY

B. ENG. MECHANICAL ENGINEERING

Expected Winter 2015 | Montreal, QC

Honours Program

Honours Thesis:

Expensive Function Optimization Using a Sequential Sampling of Co-Kriging Response Surfaces

Honours Design Project:

Optimal Design of Glass

Groups:

HackMcGill

McGill Outdoors Club

## LINKS

Blog: [cpclermont.com/blog](http://cpclermont.com/blog)

GitHub: [charlespwd](https://github.com/charlespwd)

LinkedIn: [charlespclermont](https://www.linkedin.com/in/charlespclermont)

## SUMMARY

### LANGUAGES

French (fluent), English (fluent)

### TRAITS

- Resourceful
- Disciplined
- Focused
- Driven

## SKILLS

### PROGRAMMING

Over 5000 lines:

JavaScript • Clojure • PHP

MATLAB •  $\text{\LaTeX}$

Over 1000 lines:

Ruby • C • Java • CSS

Familiar:

Python • MySQL • MongoDB

### FRAMEWORKS

JavaScript

NodeJS • AngularJS • EmberJS

jQuery

Others

PHP: Yii • CSS: SASS/LESS •

Ruby: Rails

## EXPERIENCE

### CPCLERMONT.COM | INDEPENDENT DEVELOPER

May 2015 – Present | Montreal, QC

- Achieved my clients goals
- Contributed to Open Source Software
- Maintained Open Source Software

### BOMBARDIER AEROSPACE | INTERN

June 2010 – Jan 2014 | Montreal, QC

- Proposed, designed and implemented an intern time-sheet tool that permitted HR to move away from pen/paper. Impacting 3000 interns. This project saves Human Resources approximately 1200 hours, every year.
- Reduced the time required to complete a manual database migration by over 200 hours.
- Automated various tasks of my team members.

## PROJECTS

### BESTCASE | [GITHUB.COM/CHARLESPWD/BESTCASE](https://github.com/charlespwd/bestcase)

February 2015 | Montreal, QC

An A/B Testing Library for Clojure.

### MY-MCGILL EMAIL SERVICE | [MY-MCGILL.CA](http://my-mcgill.ca)

February 2015 | Montreal, QC

A service that sends an email notification to students when new grades come in.

### MCGILL MINERVA API | [NPMJS.ORG/PACKAGE/MCGILL-MINERVA-API](https://npmjs.org/package/mcgill-minerva-api)

June 2014 | Montreal, QC

A JavaScript abstraction of McGill's registration system. With it, you can

- Obtain your transcript,
- Search for courses,
- Register/Drop courses.

Made possible by reverse engineering their website and doing HTTP posts at the right places.

### SOUTH EAST ASIA | SOLO BACKPACKER

January 2014 – May 2014 | Singapore, Malaysia, Thailand, Laos, Nepal

An amazing experience that forced me to constantly step outside of my comfort zone.

The Annapurna circuit trek, rock-climbing in Krabi and Thakhek, motorbike travel, bungee jumping, canyon swing, yoga and lots of books.

## AWARD

2010-2014 JTI MacDonald Corp. Scholarship

## INTERESTS

- Rock-climbing
- Technology
- Business