# ZHIPENG BRUCE CAI

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## SUMMARY OF SKILLS AND QUALIFICATIONS

| | |
|---|---|
| **Programming** | JavaScript (AngularJS, ReactJS, NodeJS, JMVC, Electron) |
| | Python (Django) • Scala (Play, SBT) • C++ • JAVA • HTML&CSS |
| **Technologies** | Git • Bash • TeamCity • JIRA • AWS • Stash |
| **Operating Systems** | Windows • Linux (Ubuntu, Arch) • Mac OS |
| **Languages** | English • Cantonese • Mandarin |

## EDUCATION

**Bachelor of Engineering – Software Engineering Co-op**                              **2014 - present**
Concordia University, Montreal, QC
- GPA 3.25
- Received International Student Scholarship (2014)

**Bachelor of Commerce – Management Information System (42 credits)**            **2012-2013**
John Molson School of Business, Concordia University, Montreal, QC
- Received International Student Scholarship (2013)

**Intensive English Language Program**                              **2010-2011**
Concordia University, Montreal, QC

## WORK EXPERIENCE

**Web Application Developer**                              **May 2016 – present**
AppHelp by AppDirect
- Participating in design and implementation of web application solutions for enterprises customers.
- Front-end development with modern technologies such as AngularJS, ReactJS, Gulp, Electron, Webpack, and JMVC.
- Back-end development with Python (Django), Scala (Play/SBT) and JavaScript (NodeJS).
- Design and implement E2E automation, unit test, and integration test with Spectron, Protractor, Jasmine, and Mocha.
- Basic knowledge on CI/CD pipeline and deployment with AWS S3, Sonarqube, TeamCity, and Cloudfront.
- Working proficient with Git, Bash, Stash, and JIRA.
- Taking part in Agile process, TDD, team-building activities, and product demos.

**Consultant & Co-owner**                              **2008 – present**
Hengchao Ltd. Raw Material Supply, Guangdong, China
- Specialize in market analysis, research, and forecast.
- Private investor.

**CO-OP**

UNIVERSITÉ
**Concordia**
UNIVERSITY

INSTITUTE FOR
CO-OPERATIVE EDUCATION

## PROJECTS

**Dungeons and Dragons**                                    **Sep 2016 – Dec 2016**
Advanced C++ Programming Project
Source code found at https://github.com/choitwao/Dungeons-and-Dragons
- A simple Dungeons and Dragon game (d20 rules) implemented with C++ and SFML GUI.
- Sharing the source code as open source on GitHub.

**Room Reservation System**                                 **Sep 2016 – Dec 2016**
Software Architecture Project
- Front-end development with HTML, CSS, Bootstrap, and JQuery.
- Back-end development with SQLite and Python.

**Simplified-Scheduler**                                    **Jan 2016 – May 2016**
Software Process Course Project
Source code found at https://github.com/choitwao/Software-Engineering-Sequence-Generator
- Front-end development with HTML, CSS3, and JavaScript
- Back-end development with MongoDB and Node.JS
- Sharing the source code as open source on GitHub

**Official Website (Personal Project)**                      **Jan 2015 - present**
CookSimply Ltd. Shenzhen, China.
Website found at http://www.cooksimply.cn
- Designing for promotion purpose by spreading on social media, leads potential customers to the purchase platform (smartphone end).
- Front-end development with HTML, CSS3, Bootstrap and JavaScript.
- Ongoing refactoring with Angular2.

## VOLUNTEER WORK

**Volunteer**                                               **Oct 2015**
Major League Hacking (MLH), Montreal, Quebec
- Organizing the event

## INTERESTS

**Technologies**   Mixed Reality • AI
**Other**          Physics • Martial Arts • Finance • Languages & Cultures • Automobile Mechanics