

# TERESA CAO

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## SUMMARY

- 4 years of experience developing applications and projects involving use of multiple technologies and engineering design patterns.
- 8 months internship in CI technologies as a Full Stack developer.
- 4 months internship in AlertDriving as a Software developer.
- 1 year experience leading computer club designing and producing application for school use.
- A fast learner and a reliable team worker with strong problem-solving skills.

## EDUCATION

### University Of Waterloo

2B Computer Engineering

## SKILLS

#### PROGRAMING LANGUAGE:

JAVA, C++, SQL, JAVASCRIPT, HTML5, CSS3.

TOOLS AND SOFTWARE APPLICATION: INTELLIJ, ANDROID STUDIO, VHDL

OPERATING SYSTEM: WINDOWS, LINUX.

SPRING BOOT, MAVEN, BACKBONE, VUE, BOOTSTRAP, MARIONETTE, UNDERSCORE, JQUERY.

## RECENT EXPERIENCE

### Full Stack Developer | CI Technologies, Vancouver Canada

May 2018 - Aug 2018

- Managed MySQL database and Identified missing information in the database that is needed while building the objects.
- Propose new detailed oriented solutions functional/ non-functional, and ideas in collaboration with the team.
- Implemented frontend framework Vue.js to replace the existing frontend framework on two projects "BlueTeam" and "EIPro".
- Familiarized with MVVM frontend pattern and Is able to use to Vuex.js to perform object data transfer and modal view display.

### Software Engineer Intern | AlertDriving, Toronto Canada

Sep 2017 - Dec 2017

- Rebuild front end side of one of the core assessment programs "HP 360" mobile version with a coop partner.
- Became familiar with developing in Linux environments.
- Worked on developing mobile web-based applications for Apple iOS, Mac OSX, and Android platforms.
- Experienced in using code version control and repository system ( SVN, GIT).
- Had an advanced understanding of object-oriented design principles, design patterns and Service-Oriented Architecture.
- Worked on projects under several virtual servers using VMware.

### Full Stack Developer | CI Technologies, Vancouver Canada

Jan 2017 - Apr 2017

- Directly involved in the development efforts to produce custom data-driven multi-tiered applications and Web Services.
- Participated in testing, development, testing and debugging of new features. Created, modified client-side code based on
- Backbone.js. Implemented/fixed views, models and collections.
- Used AJAX, JSON with jQuery for request data and response processing.

## PROJECTS

### Android Hand-shaking 2048 game

June 2017

- Application designed in class with the same gaming rules but optimize the users' experience by allowing users to play without interacting with the screen.
- Detected android phone sensors to perform movements for blocks when the user has shaken the device.
- Used Android Studio to develop and test the application.
- Technologies: Java, Android coding