

Bill Cheng Guo

<http://billguocheng.com>
bill.guo@uwaterloo.ca | 905-320-7465

SKILLS

PROGRAMMING

JavaScript • jQuery
AngularJS • Bootstrap
CSS • HTML5
C++ • C# • Java

TECHNOLOGIES:

sublime • Brackets • Git
Android Studio • SourceTree
linux • OS X

EDUCATION

UNIVERSITY OF WATERLOO

Bachelor of Applied Science,
Computer Engineering
Expected 2018 | Waterloo, ON

CONTACT

bill.guo@uwaterloo.com
billguocheng.com
github.com/iFun
[linkedin.com/in/billchengguo](https://www.linkedin.com/in/billchengguo)

EXPERIENCE

WIRKN | Android developer Intern

Aug 2015 – Dec 2015 | Toronto, ON

- Implemented android application analytics to gather user behavior data to increase job apply ratio.
- Built and owned android automation testing suite from scratch using framework mockito and espresso to reduce hours of manual testing time and increase the crash-free users by 10%.
- Conducted code reviews, developing highly requested features on android application to improved user experiences.

ONTARIO MINISTRY OF EDUCATION | Application Developer

Jan 2015 – May 2015 | Toronto, ON

- Implement web applications, business components, government forms and web service interfaces using JavaScript and C#

VOCERA | Software Tester

May 2014 – Aug 2014 | Toronto, ON

- Composed new found bugs report reduced developer's bug fix time to ensure product finish before deadline.
- Contributed to function testing and regression testing on iOS and Android platform.

PROJECTS

TODD | Web application implemented in angularjs

billguocheng.com/todo

- A web application using AngularJS framework. User can edit tasks, achieve tasks and delete tasks. With Local Storage, all todo tasks will be saved even user closed the web page.
- Technology: JavaScript, HTML/CSS, AngularJS

EXAM SCHEDULE | Automatically generate uw exam schedule

billguocheng.com/final

- Utilized University of Waterloo API and bootstrap framework with auto-complete suggestions feature.
- A web tool allows UW students request their course exam schedule, and automatically generate a iCalendar file for import to Google Calendar or Apple Calendar
- Technology: JavaScript, HTML/CSS, UW API, Bootstrap

DROWSY ALERT | Hack the north project for drowsy drivers

github.com/iFun/Drowsy-Alert

- Drowsy Alert is an Android application that processes raw EEG data obtained from the Muse headband in order to create a warning system for drowsy drivers on the road.
- The application processes the brain waves of a drowsy driver. Alerting the driver through voice, alarm systems, and ultimately reaching out to the driver's emergency contacts.

→ See more at Billguocheng.com and github.com/iFun