

Bill Cheng Guo

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

SKILLS

PROGRAMMING

JavaScript • jQuery
AngularJS • Node.js
Bootstrap • CSS • HTML5
C++ • C# • Java

TECHNOLOGIES:

Atom • Brackets • Sublime
Git • SourceTree
Android Studio • Eclipse
Ubuntu • OS X • Win 10

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

EXPERIENCE

WIRKN | Android Developer Intern

Aug 2015 – Dec 2015 | Toronto, ON

- Implemented android application analytics to gather user behavior data using Mixpanel to increase the percentage of job applications.
- Single-handedly built and managed the android automatic testing suite using framework Mockito and Espresso, resulting in reduced manual testing time and a 10% increased in crash-free users.
- Designed and built Node.js unit testing suites for internal API testing using framework Supertest and Frisby

ONTARIO MINISTRY OF EDUCATION | Application Developer

Jan 2015 – May 2015 | Toronto, ON

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

VOCERA | Software Tester

May 2014 – Aug 2014 | Toronto, ON

- Generated new-found bugs report to achieve greater efficiency in the developer's bug-fixing time and ensured product deadlines were met.
- Contributed to function testing and regression testing on iOS and android latforms, lowering the overall bug report by 20%.

PROJECTS

TODO | Web todo application

billguocheng.com/todo

- A web application using AngularJS framework on which user may edit, achieve and delete tasks With Local Storage, all todo tasks will be saved even user closed the web page.

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 which allows UW students to request their exam schedule and automatically generate an iCalendar file for importing to Google Calendar or Apple Calendar.

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 in extreme cases reaching out to the driver's emergency contacts reaching out to the driver's emergency contacts.

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