Bill Cheng Guo

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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

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 andriod automatic testing suite using framework mockito and espresso, resulting in reduced manual testing time and a 10% increased in crash-free users.
- 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

- 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 application implemented in anguarjs
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