BRANDON YEE

3A Computer Engineering
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SUMMARY OF QUALIFICATIONS

- Programming languages: Java, C#, JavaScript, C, C++, HTML, CSS, SQL, JSON, XML, VHDL, Assembly Language, MATLAB, Visual Basic, CoffeeScript, Objective-C
- Application Software: Android Studio, Eclipse IDE, Microsoft Visual Studio, Altera Quartus 2, Keil μVision, Netbeans IDE, Vim, Microsoft Office, Adobe Photoshop, Adobe Illustrator, Adobe Flash, Adobe Dreamweaver, Adobe Fireworks, Pivotal, Jenkins, SourceTree
- Hardware Tools: Altera Cyclone 2, ARM Cortex-M3, Oscilloscope, Digital Multi-Meter, Function Generator, Breadboards
- Environments: Windows, Linux, Mac OSX
- Databases: Microsoft SQL Server, PostgreSQL
- Version Control: GitHub, SVN, TFS
- Other Technologies: Node.js, Socket.IO, Redis, ASP.NET, Entity Framework, Telerik

PROJECTS

Android Taskbar App, Personal Project

- Created an overlay service that places hotspot onto the user's screen
- Designed gestures and pop-up to optimize the time to switch tasks
- Built customization options to select which apps appear on the taskbar

WORK EXPERIENCE

Software Engineering - Games, Zynga Inc., Toronto, ON, August 2015 – December 2015

- Developed new core game features for Zynga's Chess With Friends Android app
- Worked in a timely manner to deploy new features and bug fixes to Google Play Store
- Brainstormed, experimented and implemented new elements to improve UX & UI
- Created client-side content capable of being dynamically updated through server-side changes

Software Developer R&D, The Weather Network, Oakville, ON, January 2015 – April 2015

- Deployed Linux server that emits real-time data using Node.js, Socket.IO and Redis
- Created web, Android and iOS clients to collect the real-time data and display using map API's
- Built AR app using camera, rotation vector sensor, current location, and lots of matrix math
- Developed live TV channels and smartphone to TV bidirectional communication on Android TV app using TV Input Framework and Network Service Discovery

Junior Programmer, TDA Inc., Burlington, ON, May 2014 – August 2014

- Updated data retrieval to Entity Framework model and revamped user interface to new design
- Unit tested and debugged code in great depth to solve issues when implementing new features
- Worked on code in a Multi-Tier Architecture design, consisting of data, business and UI layers
- Developed server and client side functionality on .NET web pages using Visual Basic, HTML, CSS, SQL and JavaScript

ACHIEVEMENTS

- Consistently maintain an overall average over 80% every academic term

ACTIVITIES AND INTEREST

- Mobile technology, weightlifting, biking, swimming, running, anime, baking, trying new things