BRANDON ASSING
SOFTWARE ENGINEER

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SKILLS

WEB DEVELOPMENT: HTML, CSS, Javascript, JQuery, AngularJS and Angular 2, Node.js, Express.js, MongoDB, MySQL

PROGRAMMING LANGUAGES: Java, C++, C#, Python, SQL

TOOLS: Unity, Webflow, Android Studio, Git

WELL PRACTICED WITH: UML, Project Development Methodologies, Algorithms/Data Structures, Software Design Patterns

EDUCATION

Western University
BESc Software Engineering 2018

Academics: 3.7 GPA

Relevant Courses: Algorithms & Data Structures, Software Requirements & Analysis, Software Project & Process Management, Web Technologies, Database Management Systems, Human-Computer Interface Design, and Technical Communications

Academic Awards: Dean's Honor List (2015 & 2016)

PROJECTS

FACETAG CREATED AT NHACKS   Mar 2016
- *Won Most Promising Future Startup*
- Facetag is an android app that uses Kairos facial recognition API to exchange users' social media accounts
- Implemented camera functionality/image processing for use with facial recognition API, and worked on app frontend development
- Promoted app by offering a captivating, informative business pitch for sponsors and judges
- Camera backend and app frontend programmed using Java and XML in Android Studio IDE

THE WAVE CREATED AT HACK WESTERN 2   Nov 2016
- The Wave uses a Leap Motion controller bridged to an Arduino circuit board to execute various tasks intended for home automation
- Led Java development and Leap Motion functionality/integration while working under pressure closely with a team of four
- Leap motion functionality programmed in Java and Arduino functionality programmed in C++

REK-REATION ARCADE GAME HUB   Feb 2016 to Apr 2016
- Working login screen and storing of user accounts/game activities
- Features four games: 2D Space Shooter, Memory Match-Up, Rock Paper Scissors, and Apple Picker
- Programmed using the Unity game engine and serializable C# scripts for game object functionality. Designed for Windows and Android

VOLUNTEERING

NSPIRE INNOVATION NETWORK   Toronto, ON May 2016 to Aug 2016
Hack the 6ix Operations/Logistics Lead
- Acted as primary source of contact for sponsors and participants to ensure attendee satisfaction
- Handled various parts of the event planning process and venue layout, and kept things running smoothly despite any adverse circumstances
- Aided in website design using Webflow

NSPIRE INNOVATION NETWORK   London, ON May 2016 to Present
Career Series Western Marketing Lead
- Collaborated closely with a small team to host several events throughout the year, partnering with major companies in the business and technology field
- Developed and implemented marketing plans specifically tailored to the needs of each event, and the companies featured