ANDREW LEE

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github.com/ajplee

Skills

Languages: Java, C++, SQL, Groovy, Javascript, HTML/CSS
Technologies: Git, Android, Tableau, JQuery, Spring MVC, React

Experience

Full Stack Developer | HubHead   *May 2017 – Aug 2017*
Markham, ON
- Developed and implemented multiple data quality reports using **Groovy**, ensuring customer's data was clean before utilizing the HubHead software
- Responsible for gathering and analyzing requirements in order to accurately design the UI/UX of the reports using **JQuery** and **Javascript**

Java Developer | PointClickCare   *Sept 2016 – Dec 2016*
Mississauga, ON
- Designed data-driven dashboards using **Tableau** for over 13,000 customers to view their analytics and integrated them into the **Java/Spring MVC** web application
- Built architecture for a **RESTful API** web service to govern over the company's data model

QA Analyst | PointClickCare   *Jan 2016 – May 2016*
Mississauga , ON
- Wrote test automation scripts for functional and regression tests using **Selenium** and **TestNG**
- Developed scripts in **SQL Server** for data quality testing

Technical Student | Toronto Hydro   *May 2015 – Aug 2015*
Toronto, ON
- Automated updating financial models used to forecast electricity to over 700,000 customers using **Excel VBA** and extended existing macros to deliver more efficient solutions

Projects

Fire Emblem Arena Tracker   Sept 2017 - *Present*
- Created a website for players to share and track their statistics for Fire Emblem Heroes
- Built using **React** and **MongoDB**

TrakRecord   *Mar 2016*
- Co-developed a marathon assistant **Android** app using Bluetooth and beacon technology to periodically provide location specific race information and post-race analytics
- Built using **Estimote IoT Beacons, Google APIs** and **Firebase**
- 1st place winner for WearHacks Cossette Sick Kids Challenge

Ask 6ixGod   *Jan 2016*
- Co-created an **Android** app that finds the best matching Drake lyric to respond to questions asked by the user
- Leveraged the **Indico.io** machine learning API and **Parse**

Translaid   *Nov 2015*
- Translates sign language to text using gesture recognition software with the Myo Armband

Education

University of Waterloo
Systems Design Engineering | Class of 2020
- Ranked in top 10 in class of over 90 students   *Dec 2014*
- **Relevant Courses**: Data Structures and Algorithms, Digital Computation (C++), Circuits (C), Human Factors, Probability and Statistics