

ANDREW LEE

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Skills

- **Languages:** Java, Javascript, Groovy, C++, Python, Swift
- **Frameworks:** AngularJS, NodeJS, Grails, Spring, Selenium, Android
- **Tools:** AWS, Git, ElasticSearch, Redis, SQL, JQuery, Tableau

Experience

- TradeRev** • Full Stack Developer Intern • Toronto, ON Jan 2018 – Apr 2018
- Worked on the **Android** and **iOS** push notification service, incorporating deep links to direct users to the correct page after clicking on a notification, as well as **Mixpanel** to track user's analytics
 - Designed, developed and maintained many features related to TradeRev's invoicing services using **Java**, **Grails**, **ElasticSearch**, and various **AWS** technologies
 - Created and refactored multiple **Grails** services to handle implementation of new user type on web and mobile platforms handling login, authentication, permissions and ensuring functionality across the application
- HubHead** • Software Developer Intern • Toronto, ON May 2017 – Aug 2017
- Developed and implemented a reporting tool using **Groovy**, **Java**, and **Grails** which is now live in production
 - Responsible for gathering and analyzing requirements to accurately design the UI/UX of the reports using **JQuery**, **Javascript** and **HTML/CSS**
- PointClickCare** • Java Developer Intern • Mississauga, ON Sept 2016 – Dec 2016
- Designed data-driven dashboards using **Tableau** for over 13,000 customers to view their analytics and integrated them into the web application
 - Developed features for PointClickCare's REST API web service using **Java**, **SQL** and **Spring**
- PointClickCare** • QA Analyst Intern • Mississauga, ON Jan 2016 – May 2016
- Thoroughly involved in test automation by creating many **Selenium** automation tests following the Page Object Model design pattern, increasing overall code coverage and improving regression testing efficiency
 - Defined many test cases in **TestRail** ensuring the application is working correctly
- Toronto Hydro** • Technical Student • Toronto, ON May 2015 – Aug 2015
- Automated updating financial models used to forecast electricity to over 700,000 customers using Excel **VBA**

Projects

- TrakRecord** Mar 2016
- Co-developed a marathon assistant **Android** application using Bluetooth and Beacon technology using Estimote IoT Beacons and **Firebase**
 - **1st** place winner for WearHacks Cossette Sick Kids Challenge
 - Won \$20K in support for further development with prototype
- Ask 6ixGod** Jan 2016
- Co-created an Android app that finds the best matching Drake lyric to respond to questions asked by the user, leveraging 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 top 10 in class of over 90 students Dec 2014
 - Relevant Courses: Programming, Circuits, Data Structures and Algorithms, Human Factors in Design