Jason **Zukewich**

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Skills

Languages	Python, Octave/Matlab, Java (Android), Kotlin, Ruby, Javascript, C, C++, PHP
Tools/Frameworks	Sklearn, Pandas, RxJava, Rails, Git, Jupyter/IPython notebook, Sublime, Android Studio

Experience

Coursera   *Mountain View, USA*
ANDROID DEVELOPER   *Jan–April 2016*

- Built core features for the Coursera Android app in Java and Kotlin, including support for Peer Reviews (1 of only 2 assignment types on Coursera), new Course List (main page), Honors track, Accomplishments page and more
- Rewrote large parts of the app to fit with newer styles/architectures and perform better, and fixed numerous bugs
- Helped design a new data layer architecture for requesting/caching data efficiently for offline use

TextNow   *Waterloo, Canada*
ANDROID DEVELOPER   *May–Dec 2015*

- Designed and/or developed many new features for the TextNow Android app including Chatheads, TN Premium, TN Wireless, GrabAndGo, and a new dialer/call screen and message view
- Fixed numerous bugs and made performance improvements to parts of the app

TechRetreat 2015 and 2016   *Waterloo, Canada*
ORGANIZER   *Jun 2015–Present*

- Helped plan Waterloo's first High-school Hackathon/Learnathon
- Ran the Software Learnathon with two others. Taught attendees to create and battle AIs for TechTanks (2015)
- Running the Android Learnathon where we will build a Geocaching app (2016)

Projects

TechTanks RAILS APP	Browser based game to teach Ruby, players write Ruby bots to control tanks and battle against their friends Used at TechRetreat and Hack the North
Jarvis Coursera PYTHON	Simple messenger bot that tries to parse meaning from user queries and matches them to one of a set of commands. Made at the Coursera Makeathon
Army Commander ANDROID	Create/control an army using custom gestures for different formations or actions Enemies form groups and work together to defend themselves
News Feed PYTHON	Parse content and summaries from set of RSS feed Train model from those and source, time, etc to recommend articles from the links a user followed or ignored
IntoxicMate ANDROID	Guesses when you are drunk off data from your phone/watch Helps guide you home or calls an Uber or friends to pick you up
Swipler CHROME EXTENSION	Detect hand gestures using your laptops mic and speakers with the Doppler effect Switches through or closes tabs when you swipe different directions
3D Viewer ANDROID	3D viewer for Android, turn your phone to move/look around Built completely from scratch using only the basic Android canvas

Education

University of Waterloo   *Waterloo, Canada*
BACHELOR OF SOFTWARE ENGINEERING   *2014–2019 (Expected)*

- Engineering Ambassador, First Year Mentor, Orientation Leader, Engineering Director

COURSERA - STANFORD MACHINE LEARNING   *2016*