Jason **Zukewich**

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Skills

Languages	Python, Scala, Javascript (JSX), Octave, Java, Kotlin, Ruby, C, C++, PHP, SQL
Tools/Frameworks	Keras, Sklearn, Pandas, GraphQl, Play Framework, React, Android, RxJava, Rails

Experience

Dropbox   *San Fransisco, CA*

BACKEND/INTERNAL TOOLS (PYTHON, STONE)   *May–Aug 2017*

- Implemented and improved functionality for Dropbox Api V2 endpoints to enable the shutoff of Api V1
- Added redaction and ommision annotations and lint rules to Stone (Dropbox model/route specification language)
- Created Jetbrains plugin to support Stone (syntax highlighting, code completion, etc) during Hack Week

Coursera   *Mountain View, CA*

FULL STACK (JSX, REACT, SCALA, PLAY)   *Sept–Dec 2016*

- Launched a new Dashboard and Course Home experience improving course completions by 13%
- Moved Dashboard frontend/backend to use GraphQl as our first pilot project

MOBILE (ANDROID, KOTLIN, RXJAVA)   *Jan–April 2016*

- Helped build a new Dashboard, support for Peer Review assignments, an Accomplishments page, and more
- Rewrote large parts of the app to fit with our newer data architecture

Textnow   *Waterloo, Canada*

MOBILE (ANDROID)   *May–Dec 2015*

- Wrote TextNow floating chat, a new call screen and messaging interface, and a Premium/Wireless redesign
- Fixed numerous bugs and made performance improvements to various parts of the app

TechRetreat   *Waterloo, Canada*

LEARNATHON/ORGANIZER   *Jun 2015–Aug 2016*

- Helped organize Waterloos first High-school Hackathon/Learnathon, Co-ran the Learnathon
- Taught attendees to build AIs for TechTanks (2015), and wrote Android Learnathon lesson plan (2016)

Projects

TechTanks RAILS	Browser based game to teach Ruby, players write AIs to control tanks and battle against their friends Used at TechRetreat and Hack the North
DDR Generator PYTHON, SKLEARN, KERAS	Takes in an mp3 and outputs a step file that fits the style of the music Extracts features relevant to the music and feeds through a series of models to generate steps
Army Commander ANDROID	Create/control an army using custom gestures for different formations or actions Enemies form groups and work together to defend themselves
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
Jarvis Coursera PYTHON, WIT.AI	Messenger bot that parses meaning from user queries and matches them to a set of commands Made at the Coursera Makeathon
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 COMPUTER SCIENCE   *2014--2019 (Expected)*

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

COURSERA - STANFORD MACHINE LEARNING   *2016*