

EDUCATION

- **Carleton University** Ottawa, ON
Bachelor of Computer Science (BCS), Honours with Distinction Dec. 2016
 - Concentration in Mobile Computing.
 - Featured in student testimonial video: <https://youtu.be/FLB9bq8dkqc>

WORK EXPERIENCE

- **TunnelBear** Toronto, ON
Android Developer Aug 2018 - Present
 - As lead developer, responsible for completely refactoring TunnelBear's Android VPN app. And worked with various colleagues to breakdown timelines, goals, and expectations of this refactor.
 - Developed various changes to successfully target API 27, including heavily changing complex background services, network change callbacks, and capturing WiFi information.
 - Implemented best practises to bring TunnelBear Android to Chrome OS, including implementing visual changes, keyboard shortcuts, and other programming changes.
- **eHealth Innovation at University Health Network** Toronto, ON
Android Developer Jan 2017 - July 2018
 - Developed Android applications for healthcare, including implementing RESTful communication, integration of Android's camera API, and development of libraries & custom views.
 - Worked in an agile setting to develop various applications, including developing one from the requirements gathering stage.
- **Montfort Hospital** Remote
Software Engineer Consultant Sep 2017 - April 2018
 - Recruited from the *Hacking Health Hackathon* to work as a part-time consultant on an Android application.
 - Implemented the *TexRazor* NLP API within an Android app to categorize clinical notes, authored high and low level design documents, and provided feedback on further future NLP implementations.
- **Mxi Technologies** Ottawa, ON
Software Developer Intern May 2014 - Jan 2015
 - Programmed in Java to develop and debug numerous back-end custom software integrations.
- **Carleton University** Ottawa, ON
Teaching Assistant Sept 2013 - May 2014
 - Demonstrated leadership by assisting and teaching students in Introduction to Computer Science and Discrete Structures.
 - Nominated for the 2014 "Outstanding Teaching Assistant Award".

SIDE PROJECTS

- **CogNeat** – Android (Java) and TextRazor NLP
 - Using an NLP API, classify and categorize received messages to offload user's cognitive stress.
 - **Winner** of the "Technology Award" prize (Hacking Health).
- **Multistate Toggle Button** – Android (Java)
 - An open source Android library that introduces a toggle button with multiple states depending on the drawables passed in.
- **TwoPlayerSnake** – JavaScript, HTML, CSS, and P5.js
 - Developed a local two player web game that puts a spin on the classic game "snake"; compete in versus mode or CO-OP mode, where one snake eating means both snakes growing.
- **DriveSafe** – Muse Wearable, Android (Java), Pebble Smartwatch (C), and Parse
 - Used the Muse brain sensing headband to detect and alert if a truck driver is falling asleep.
 - **Winner** of the "Best Application of Analytics" prize (WearHacks Hackathon).
- **Links and more projects available upon request.**

SKILLS

- **Languages:** Proficient in Java; know Kotlin; familiar with Python, JavaScript, and Swift.
- **Technologies:** Android development, Git, RESTful APIs, Realm, JSON, XML, TextRazor, and SQLite.
- **Human Languages:** Native English, conversational in Arabic and Russian.