

Eddy Ionescu

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Experience

Hustle

SOFTWARE ENGINEER, SOCIAL CAPITAL FELLOW

San Francisco

April 2017 - August 2017

- Working on backend-related projects - **Node.JS**, **MongoDB**, **AWS**
- Contributing to web/mobile clients - **React.JS**
- Working on various open-source contributions to **Parse** server

UGO Wallet / TD Bank

MOBILE APPLICATIONS DEVELOPER

Toronto

May 2016 - August 2016

Jenkins Pipeline

- Implemented a Multi-Branch Continuous Integration solution that generates pipelines from Git branches in Gitblit and pushes builds to QA via HockeyApp, speeding up the development cycle - **Groovy**, **Bash** and **Python**.
- Held discussions with team-leaders from Development and QA to establish requirements and procedures.

iOS

- Improved navigation and usability by replacing the hamburger menu with tabs - **Objective-C**.
- Implemented and tested various fraud-analysis REST APIs - **Swift**.

Android - Java in Android Studio

- Worked with developers and product to implement analytics events, user-flows and network calls for a major project.
- Created an Android library that allows other apps to use UGO's loyalty/gift cards functionality/UI and integrated it into the TD App.
- Implemented location-based feature that showed cards relevant to nearby merchants using the Google Places API.

KMH Cardiology & Diagnostic Centres

SOFTWARE DEVELOPER

Toronto

July 2015 - August 2015

Xamarin - C# in Visual Studio

- Created two Android and iOS apps: one for referring physicians and another one for patients (iRefer KMH and KMH Labs).

Projects

Transibot

TELLS YOU WHEN THE NEXT BUSES AT YOUR CLOSEST STOPS WILL ARRIVE IN REAL-TIME

Transibot.com

December 2016 - PRESENT

- Facebook Messenger Chatbot that shows real-time information for Waterloo and San Francisco - **Node.JS**.
- AWS Lambda service updates database with departure times retrieved from GTFS/Nextbus feeds - **Go**.
- Set up **MongoDB** database as to quickly retrieve the closest stops based on coordinates.
- Configured **Ubuntu AWS EC2** instance for the development bot that had SSL with NGINX, and used **AWS Elastic-Beanstalk** for the production bot, for auto-scaling and seamless deployment.

Sentimize

LETS YOU SORT YOUR SONGS BASED ON HOW YOU WANT TO FEEL

Sentimize.me

May 2016 - PRESENT

- Analyzes the key, tempo, and pitch of songs as to predict their moods - **Java**, **C++** and **NDK**.
- **SQLite** database caching. Made with **Material Design** in Android Studio. Published on Google Play.

Algorithms

Canadian Computing Competition

TOP 50 OUT OF ABOUT 1500 STUDENTS IN THE SENIOR CANADIAN COMPUTING COMPETITION

University of Waterloo

May 2015

Don Mills Open Programming Contest Problem-Setter

CONSISTED OF GRAPH-SEARCH/GREEDY/DP/ETC. PROBLEMS AND HAD 150 MONTHLY PARTICIPANTS

Don Mills Online Judge

September 2014 - June 2015

Education

University of Waterloo

BACHELOR OF COMPUTER SCIENCE, HONOURS

September 2015 - December 2019

Functional Programming - **Scheme**, Logic - **Coq**, Object Oriented Programming - **C++14**, Compilers - **Scala**