

# Eddy Ionescu

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## Experience

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### Hustle

[San Francisco](#)

SOFTWARE ENGINEER, SOCIAL CAPITAL FELLOW

May 2017 - August 2017

- Interning at Hustle through Social Capital's (VC firm) Fellows program

### UGO Wallet / TD Bank

[Toronto](#)

MOBILE APPLICATIONS DEVELOPER

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

[Toronto](#)

SOFTWARE DEVELOPER

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

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### Transibot

[Transibot.com](#)

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

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

[Sentimize.me](#)

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

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

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### Canadian Computing Competition

[University of Waterloo](#)

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

May 2015

### Don Mills Open Programming Contest Problem-Setter

[Don Mills Collegiate Institute](#)

DON MILLS ONLINE JUDGE

September 2014 - June 2015

- Wrote algorithmic problems (graph-search, sorting, DP, greedy, etc.) for the DMOPC, which was held monthly and written by about 150 students from across Ontario.

## Education

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### University of Waterloo

[September 2015 - December 2019](#)

BACHELOR OF COMPUTER SCIENCE, HONOURS

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