

# Ross Franey (he/him)

Software Engineer

## 👤 Profile

Hi! I'm a Software Engineer for Qualtrics Dublin, with 2.5 years of professional experience. Prior to this I graduated top of my class in Dublin City University with a 1st Class Honors.

I have professional experience using Python, Java, JavaScript, PHP, Clojure and C++. From a personal perspective, I have experience in Ruby, GO, and Haskell.

## Details

[ross.franey3@mail.dcu.ie](mailto:ross.franey3@mail.dcu.ie)

## Links

[Portfolio](#)

[Github](#)

[Linkedin](#)

## Skills

Scoping & System Design

Data Structures & Algorithms

Technical Writing / Design

Documentation

AWS Lambda, S3, DynamoDB

Databases (MongoDB, SQL, DynamoDB)

## Hobbies

- Coding challenges / contests
- Volunteer with refugee groups
- Personal finance, investing
- Sports (GAA)

## 🎓 Education

### Bs. Software Engineering, Dublin City University

September 2015 — June 2018

- 4.0 GPA
- 1st Class Honor
- Graduated top of class

## 💼 Employment History

### Software Engineer at Qualtrics, Dublin

August 2018 — Present

- Scope and deliver complex, varied projects as the lead or only engineer, for global clients such as Google, L'Oreal, HSBC and Adidas.
- Received 2 quarterly "exceeds expectations" performance ratings.
- **[Java]** Work on a large scale SMS distribution product sending 4 million weekly messages, adding 700% performance increase and an improved queuing system.
- **[Python]** Received internal award for developing "Survey as Code" System, allowing users to manage surveys through Git.
- **[NodeJS + Python]** Designed and delivered a data privacy API for Adidas.
- **[PHP]** Delivered user provisioning service to Google.
- **[React]** Worked with our developer platform product team to allow clients to create their own automations through the User Interface.

### Software Engineer Intern at Cellusys, Dublin

March 2017 — September 2017

- Serving telecom clients in Java / Clojure based projects
- Delivered feature to distinguish between Arabic / Non-Arabic messages
- Gained experience with Puppet / Docker / Jenkins

## 🏠 Personal Projects

### ML trading platform - Python / Java

Present

- Python / Django Web Application and Android application
- Used AWS DynamoDB and MySQL for storage
- Connects to multiple Cryptocurrency and FX exchanges

## **Motion Detection Security System - Java**

September 2018

- Java Android Application using a Raspberry Pi.
- Connected webcam to Raspberry Pi and used motion detection library to capture movement.
- Send alerts to your phone with images of the intruder.

## **Asynchronous Messenger Chat Applet**

September 2017

Peer to Peer chat room practicing asynchronous programming in Java.