

## Education

**Pursuing Honours B.Sc. in Computer Science**  
University of Ottawa — Ontario, Canada  
4th year, graduating December 2017  
3.88 GPA / 4.0

## Contact

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## Skill Highlights

- **Java** — 6 years, classes and personal projects
- **Android** — 1.5 years, experience developing apps
- **JavaScript** — 2.5 years, web/hybrid development
- **Python** — 2.5 years for scripting, web scraping
- Setup continuous integration env (Jenkins/Travis)
- JUnit, Robolectric, Android instrumentation tests
- Adobe Flash, Illustrator, Photoshop
- Working under pressure (hackathons, game jams)

## Work Experience

**Shopify, Software Developer Intern**

September 2016 - Present



- Contributing to development of the iOS app for Shopify
- Working on product polish and general UI updates, using **Xcode**, **Swift**, and **GraphQL**
- Writing **unit** and **snapshot** tests for code that I produce

**Microsoft, Software Engineering Intern**

January 2016 - April 2016



- Participated in overhaul of the NFL app for Xbox One and Windows 10 for the 16/17 season
- Improved user experience throughout the app implementing live, updating tiles and views
- Worked with **Lua**, **C#**, and **XAML**, with ongoing build reviews and status updates

**ADGA Group, Software Engineering Intern**

May 2015 - August 2015



- Involved in a project to utilize Earth observation data to assist in lives of everyday Canadians
- Full responsibility for design and development of a new Android application (**Java/Android**)
- Effectively taught teammates about the basics of Java and Android when passing off project

## Projects

**5 Pin Bowling Companion**[bowlingcompanion.ca](http://bowlingcompanion.ca)

Published an **Android/Java** app to track 5 pin bowling statistics. Interfaces with a **SQLite** database to analyze the user's progress over time. Presents the data textually, or graphically over time. 4,000+ downloads in the Play Store, 4.4 average rating

**Campus Guide**[joseph-roque/campus-guide](http://joseph-roque/campus-guide)

A **React Native** app to help students in their first year at the University of Ottawa.

**The Broken Quill Society**[thebrokenquillsociety.com](http://thebrokenquillsociety.com)

Designed and developed a **Ruby on Rails** app for the University of Ottawa Creative Writing Club to share their work and offer feedback on other's writing. Currently acting as webmaster of the club, managing the website through **Amazon EC2**

**Lead the Bunny**[joseph-roque/lead-the-bunny](http://joseph-roque/lead-the-bunny)

Created a **2D Java** from scratch in 48 hours. Placed 296 / 1609 for innovation in Ludum Dare 26

For more of my projects in **React Native**, **Python**, **C**, and **JavaScript**, visit [github.com/joseph-roque](https://github.com/joseph-roque)