



# JUSTIN PROULX

SOFTWARE DEVELOPER

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## WORK EXPERIENCE

### **SELF-EMPLOYED / ROYAL APPS | Oct 2014 – Present**

#### **Owner & Lead Developer**

- Achieved over 1 million cumulative downloads
- Designed, developed and released iOS apps & extensions in Objective-C and Swift
  - Developed a DRM system to protect in-app purchases from piracy
  - Researched iOS' inner workings to develop extensions that add new features to iOS
- Managed social media presence, customer support and marketing
- Advertised on Facebook, Twitter, Reddit, Snapchat and the App Store

### **ITMANAGER.NET | Summer 2021**

#### **Software Developer, iOS**

##### **Summer 2021**

- Developed a new monitoring dashboard in Swift, allowing users to view information (such as uptime) for their managed networks and machines
- Thoughtfully implemented functionality from the web app in the iOS app

### **MACADAMIAN | Fall 2020**

#### **Student Software Developer (Intern)**

- Used React to develop new features for HealthQ, a COVID-19 screening app
- Worked on a team to develop a new admin dashboard for HealthQ in React

### **MITEL NETWORKS CORP. | Summer 2019 & Winter 2020**

#### **Product Development Intern**

- Used Protractor to develop end-to-end testing suites for an Angular app
- Used Angular to develop a GIF browser and other features for a messaging web app
- Investigated and documented the use of HTML Custom Elements in Angular

## EDUCATION

### **UNIVERSITY OF OTTAWA | Sep 2018 – Present**

#### **Software Engineering**

- Completed three internships and working on a fourth
- Was elected Software Engineering Commissioner for the IEEE student branch
- Webmaster for Chance to EdVance club
- Member of the Google Developer Student Club uOttawa Chapter

## SKILLS

### **TECHNICAL SKILLS**

Swift • Objective-C • UIKit • Git • HTML • CSS • JavaScript • TypeScript • React • Angular  
Java • Python • Visual Basic • Technical Problem Solving

### **SOFT & OTHER SKILLS**

Bilingual (EN/FR) • Learning • Creativity • Photoshop • After Effects • Logic Pro

## PERSONAL LIFE

### **INTERESTS & HOBBIES**

Soccer • Music • Media production • Investing • Business • Comedy