



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 and over \$100,000 in sales
- 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, YouTube and the App Store

ITMANAGER.NET | Summer 2021

Software Developer, iOS

- 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 four internships at a total of three companies
- Was elected Software Engineering Commissioner for the IEEE student branch
- Was appointed webmaster for Chance to EdVance club
- Member of the Google Developer Student Club uOttawa Chapter
- Won, as a team, the programming category at the uOttawa Engineering Competition
- Completed projects for various courses using React and Angular

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