
Glenn Brannelly

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Software Engineer

SUMMARY

Originally from Dublin, Ireland, in 2016 I came to the United States to accept a full four-year academic scholarship as a Reddington Scholar, studying Computer Science at the University of Scranton in Pennsylvania, USA. I am now residing in Cambridge, MA as an experienced Mobile Software Engineer. My passion and extensive knowledge for technology has grown by building upon my skill set and engaging in leadership opportunities, through mentoring and a lead developer role.

SKILLS

- Passion for developing engaging user products/experiences.
- Worked on both front-end and back-end platforms.
- Over 5+ years experience with app development in Swift and Objective-C, and have worked on a number of tech startups (Locadot, WithU).
- Specialize in Swift, UIKit, IOS Development, Java, HTML5, CSS
- Experience working with RxSwift, RxKotlin and other Reactive technologies.
- Working knowledge of C/C++ and Python, Kotlin, Android Development, JavaScript.
- Experience Relational and Non-Relational Database Systems
- Experience with version control systems such as Git and Mercurial
- Strong oral and written communication.
- Work well independently and within a team setting.

EXPERIENCE

Constant Contact, Boston, MA - IOS Software Engineer II

April 2021 - Present

Constant Contact, Boston, MA - IOS Software Engineer I

July 2020 - April 2021.

- Worked on adding many new features to our RichTextEditor including support for custom headline styles. I wrote a parser to parse html to NSAttributedString into various headline and paragraph styles.
- Built many reusable components in SwiftUI including a bottom sheet
- Build a UIKit reusable side-modal used for our Dynamic Content Preview Options panel within our TextEditor / HTML Renderer

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- Working on a cross functional agile mobile team building iOS - social media, and marketing tools.
 - Programming in Swift and Objective-C
 - I had the opportunity to make a big impact with regard to Accessibility in our application setting standards to follow throughout development.
 - Helped maintain our Jenkins pipeline handling our beta and release builds.
 - Forked and maintained a Mustache library built for Swift for our own custom HTML renderer
 - <https://github.com/GlennBrann/GRMustache.swift>
 - Contributed to a repo owned by Okta in an effort to support Two-Factor Authentication.
 - <https://github.com/GlennBrann/okta-auth-swift>
 - Contributing to writing tickets for Non-VoC and VoC (voice-of-customer) features that allow customers to create, schedule, and manage email marketing campaigns using mobile iOS and Android apps.
 - Execution Owner (Lead Dev) on Contact Segments, writing stories and working with various departments to ensure all is in place for all developers to work from inception of the feature to end. Contact Segments allow customers to segment their contacts into groups with similar demographics or interests to send more targeted emails and improve their open and click-through rates.

Constant Contact (Endurance International), Boston, MA - IOS
Engineer Intern

JUNE 2019 - AUGUST 2019

- Worked on cutting edge social media applications for IOS.
- Programming in Swift and Objective-C
- Gained a strong knowledge of Reactive Technologies such as RxSwift through the MVVM design pattern via ReactorKit, writing numerous Unit and UI-Tests.
- Worked as part of a cross-functional, mobile scrum team, contributing to the development of features that allow customers to create, schedule, and manage email marketing campaigns using mobile iOS and Android apps.
- Participant in code reviews
- Maintained the health of the codebase through appropriate refactoring and improvement of existing functionality

ROBUS, Dublin, Ireland - *App Developer/Designer*

JUNE 2018 - AUGUST 2018

- Designed, and built the “Humanitas” IOS/Android apps.
- Built the Humanitas app to connect to a bluetooth wall controller to control the light temperature over a day in a room to restore the circadian rhythm.
- Programmed in C for the bluetooth wall controller to communicate with smartphone devices
- Wrote a detailed instruction manual explaining the bluetooth/smartphone communication process.

University of Scranton, Scranton PA - *Technical Consultant*

JANUARY 2017 - PRESENT

- Management of the University of Scranton’s content management system, and provide tutoring to students/professors on how to use the Brightspace system.
- Write programs to automate processes to analyze data within the University of Scranton.

Freelancing

WithU, One-Click LLC

- Developed a campus safety application called WithU to aid communication between university police and students, to create a safer university community.
- Built for IOS and Android.

EDUCATION

University of Scranton, Scranton PA - *B.S Computer Science*

- Upsilon Pi Epsilon Computing Sciences Honors Society.
 - 2020-2021 University of Scranton UPE Director

AUGUST 2016 - May 2020

Belvedere College S.J, Dublin, Ireland - *High School Diploma*

SEPTEMBER 2010 - JUNE 2016

AWARDS & ACHIEVEMENTS

- WWDC 2020 Swift Student Challenge Recipient by Apple
- Faculty nomination for the 2020 Student Life Award.
- Director of the University of Scranton Computer Science Honors Society, Upsilon Pi Epsilon

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- Director of Technology on Student Government at the University of Scranton (2019)
 - Nominated by the Computer science department to join the Upsilon Pi Epsilon Computing Sciences Honors Society. (2019)
 - Finalist in the 17th Annual tecBridge Business plan competition (2019)
 - International Senator at the University of Scranton (2018 - 2019)
 - International student body representative
 - Meets Bi-Weekly with Student Senate
 - Meets weekly with (Insert your committee here) (example: Safety and Social Justice Committee)
 - University of Scranton, Irish Society Vice-President (2017 - Present)
 - University of Scranton, Redington Academic Scholar (2016 - Present)
 - Finalist in the 16th Annual tecBridge Business plan competition (2016)
 - Listed as one of Ireland's top 20 young entrepreneurs. (2015)
 - Apple's top 20under20 (2015)
 - Full 6 year scholarship to Belvedere College S.J in Dublin, Ireland. (2010 - 2016)