

# Brendan K. Taylor

bkt28@cornell.edu · 864.316.2060 · brendanktaylor.com

## Current Address

112 Sage Place, Apt. 212  
Ithaca, NY 14850

## Permanent Address

725 Spivey Creek Road  
Landrum, SC 29356

## Education

### Cornell University, College of Arts and Sciences, Ithaca, NY

Spring 2015 - Fall 2017

Bachelor of Arts in Information Science · Minor in Computer Science · Concentration in User Experience · Member of the Association of Computer Science Undergraduates and the Information Science Student Association · Dean's List

### Clemson University, College of Engineering and Science, Clemson, SC

Fall 2013 - Spring 2014

Calhoun Honors College · President's List and Dean's List · Clemson Scholars merit scholarship

## Relevant Coursework

Object-Oriented Programming and Data Structures · Data Structures and Functional Programming · Computer System Organization and Programming · iOS Application Development · C++ Programming · Data-Driven Web Applications · Human-Computer Interaction · Rapid Prototyping · Designing Technology for Social Impact · Discrete Mathematics · Linear Algebra · Engineering Probability and Statistics · Calculus · Networks, Crowds, and Markets · Information Ethics, Law, and Policy

## Relevant Experience

### iOS Development Intern, 52inc, Columbia, SC

Summer 2017

Developed an open-source iOS client for the Global Digital Asset Exchange (GDAX) using Swift · App provides market details and allows users to buy and sell cryptocurrencies listed on the exchange · Implemented using the MVC architecture pattern · Used WebSockets and protocols to provide real-time price updates · Used CocoaPods to manage library dependencies · Designed a user interface that conforms to the iOS Human Interface Guidelines

### Android Development Intern, 52inc, Columbia, SC

Summer 2016

Developed a social networking application for Android using Java · Used Retrofit to handle REST requests · Implemented a map interface and a RecyclerView that updates to reflect the position of the map · Developed a custom camera activity · Coordinated with designers to implement a fluid and responsive interface · Delivered daily standup reports and contributed to weekly meetings · Demonstrated features of the application to the company upon completion

### Developer-in-Training, Cornell University App Development, Ithaca, NY

Fall 2015

Completed projects in Swift covering fundamental topics of iOS application development · Designed and built applications from scratch · Learned concepts quickly in order to deliver a new project each week

## Other Experience and Activities

### Lay Leader (President), Protestant Cooperative Ministry at Cornell

Spring 2015 - present

Welcome visitors and deliver announcements at weekly services · Coordinate with members to plan volunteer projects and social events · Deliver reports at monthly board meetings · Volunteered in homeless shelters and community kitchens in Washington, D.C. · Assisted in the efforts to rebuild homes after the summer 2016 floods in Baton Rouge, LA

## Relevant Skills

**Programming languages** Swift · Java · Python · C++ · C · OCaml · Familiar with Objective-C

**Software, tools, and libraries** Xcode · Android Studio · Slack · Git · Starscream · ObjectMapper · Retrofit · OkHttp · LaTeX

**User experience design** Illustrator · User interviews · Sketching

**Web development** HTML · CSS · JavaScript · D3.js

## Other Skills and Interests

**Foreign languages** Intermediate proficiency in German

**Personal interests** Interactive data visualization · Social inequality · Affordable housing · Hiking · Tennis