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

Educations

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