

Brendan K. Taylor

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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 · Dean's List ·
Watson-Brown Foundation scholarship

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 Development · C++ Programming · Data-Driven Web Applications · Human-Computer Interaction Design · 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 developed apps from scratch · Read *The Swift Programming Language* in order to gain a comprehensive understanding of Swift

Projects

ExchangeKit API and WebSocket wrapper for the Global Digital Asset Exchange implemented using Swift

Carousel JavaScript library for implementing an animated Netflix-style carousel with D3.js

Relevant Skills

Programming languages Swift · Java · Python · C++ · C · OCaml · MIPS Assembly Language · Familiar with Objective-C

Software and tools Xcode · Android Studio · Linux · Git · CocoaPods · Slack · LaTeX

Libraries and frameworks Alamofire · CryptoSwift · Starscream · ObjectMapper · Retrofit · OkHttp · Glide

User experience design Adobe Illustrator · Zeplin · User interviews · Paper prototyping · Sketching

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

Activities, Interests, and Other Skills

Activities Association of Computer Science Undergraduates · Information Science Student Association · Piano Society

Personal interests Interactive data visualization · Affordable housing · Hiking · Tennis

Foreign languages Intermediate proficiency in German