

Coby J. Davis

Software Engineer · <https://github.com/cobyjdavis> · <https://www.linkedin.com/in/coby-davis-aa3971225/>

Washington D.C (Open to Remote or Relocation) | (301) 628-9112 | businessofcjd@gmail.com

Innovative iOS Developer with 3+ years of experience, specializing in leading iOS development for startups. Skilled in Swift/SwiftUI, Objective-C, and UX/UI design. Seeking a challenging role to contribute to large-scale projects.

EDUCATION

Wake Forest University | Master of Arts in Sustainability

December 2022

Wake Forest University | Bachelor of Arts in Computer Science

May 2021

Courses Completed: Fundamentals of Computer Science, Algorithms and Data Structures, Programming Languages, Computer Systems, iOS Mobile Development, Software Engineering(Agile and Scrum), Algorithm Design and Analysis, Calculus with Analytic Geometry, Linear Algebra, Discrete Mathematics

TECHNICAL SKILLS

Languages: Swift, Objective-C, Java, C++, HTML & CSS

Tools: Xcode, SwiftUI, Firebase, Node.js, Git

Other: UX/UI Design, Object-Oriented Programming, NoSQL

PROJECTS

Most Likely - *iOS Application using Swift/SwiftUI*

- Built a responsive app from zero to deployment using Xcode, SwiftUI, Firebase Firestore cloud functions, Node.js npm and custom API services. Implemented MVVM design pattern
- Modularize code, perform code review and bug fixes
- Collaborated with backend developer to make network request in order to download and parse JSON data objects which improved data load speeds by 15%

BrandMe - *iOS Application using Swift/SwiftUI*

- Led engineering & design process incorporating design features and prototype configurations generated in Adobe Xd
- Conducted user experience and design research
- Collaborated with an UX design team to improve user interface and experience generating a 5% increase in user retention

SparkAI - *iOS Application using Swift/SwiftUI and Objective-C*

- Used OpenAI open source API and GitHub library to make network requests to AI assistant to generate responses
- Integrated native iOS Speech Recognition API and AVFoundation to implement voice dictation feature to decreasing time to generate prompts by an average of 7 seconds and to help with user accessibility

EXPERIENCE

Computing Systems Architect

April 2023-Present

The Boeing Company | Arlington, VA

- Perform industry based early research into emerging digital technologies and authored over 10+ technology briefs for use throughout the enterprise
- Lead proof of concept activities and collaborate with cross-functional stakeholders in order to prepare emerging technology advanced insertion into the enterprise leading to a significant boost in business practices
- Design IT architecture models improving work efficiency by 8% and support agile tools improvement

Data Analyst Intern

May 2017-July 2017

RockCreek | Washington, D.C

- Utilized statistical techniques and maintained large databases for data analysis using R programming language
- Performed ad hoc data investigations analysis as necessary
- Presented research findings to analytics team to better improve data collection methods

Wake Forest University NCAA Division I Football Player

June 2017- December 2022

Wake Forest University Football | Winston-Salem, NC

- Three year starter, five year contributor and leader of team consisting of 110+ members
- Made impactful decisions as a team captain resulting in a positive, 8:1 win-loss ratio over 4 years
- Managed time effectively while traveling for games, attending practice, and going to classes
- Exhibited excellent teamwork and a strong work ethic by promoting camaraderie