

# McKiba Williams

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## EDUCATION

### Drexel University

MS in Human Computer Interaction and User Experience

Philadelphia, PA

Expected June 2025

### University of Technology Jamaica

BSc in Computing: Computer Science

Kingston, Jamaica

June 2022

## TOOLS AND TECHNOLOGIES

Figma, Adobe XD

Programming Languages: Python, Java, Swift, JavaScript, C

Tools: Node.js, React, Next.js, Swift UI, React Native

Technologies/Environment: Linux, MySQL Server, XCode, Firebase, Visual Studio, Android Studio

Version Control: Git, Apache SVN

## EXPERIENCE

### Trafalgar Travel Limited

*Software Developer*

Kingston, Jamaica

August 2022 - September 2023

- Built applications with web technologies and tools such as NodeJS, React Native, NextJS and React for managing different services within the company that offered interactive data visualization and user friendly interfaces for service management.
- Created RESTful services and performed tasks with high performing Travel APIs
- Led full stack development of a PWA for booking flights, cars, hotels and the ability to chat with Travel Agents in real time.
- Developed expertise in handling and configuring databases including MySQL, Postgress, MongoDB, and Firebase.
- Experienced in conducting comprehensive unit, end-to-end, and integration testing with JUnit and Cypress
- Overhauled an existing code base for a native Android travel application that had been dormant, optimizing deprecated Java code. Integrated new features and functionalities into the application and launched new version to play store.
- Experience with version control systems including git and Apache SVN

### Digicel Group

*Software Quality Assurance Analyst (Intern)*

Kingston, Jamaica

February 2022 - August 2022

- Led product deployment QA for 26 markets across the Caribbean and Latin America for new releases of the BiP Application.
- Designed and implemented discover channels and bots for the BiP messaging application
- Collaborated with cross-functional teams to test and resolve defects in the software development process.
- Demonstrated proficiency in business-driven development (BDD) by completing a course in Cucumber and implementing BDD testing through the creation of behavior and step definitions in Java.
- Experience in BDD script development with Cucumber and the ability to write clear and concise step definitions to reflect business behavior.

### Cenedex Software Solutions

*Intern Software Developer*

Remote

December 2020 - February 2022

- Contributed to the integration of Plaid for linking user payment accounts in digital payment apps.
- Implemented new user interfaces for React Native applications.
- Integrated the Spotify API and enabling the ability to play music from Spotify playlists in a React Native fitness application.
- "Integrated the Fitbit API to track user exercise levels in a React Native application with a Node.js and Mongo backend, enabling accurate and real-time monitoring of user fitness activity.

- Experince in handling and configuring databases including MySQL, MongoDB, and Google Firebase.
- Demonstrated proactive learning and development skills by learning React Native and successfully implementing new features and fixes in React Native applications
- Implemented new user interfaces for React Native applications.
- Demonstrated proficiency in GIT version control systems, including repository management and conflict resolution

#### PERSONAL PROJECTS

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- Memorise** *Swift, SwiftUI* <https://github.com/Mckiba/MemoriseApp>  
 An app built as a part of the Stanford University's CS193p Intro to iOS Development Course using Swift(Swift UI)
- EmojiArt** *Swift, SwiftUI* <https://github.com/Mckiba/EmojiArt>  
 An app built as a part of the Stanford University's CS193p Intro to iOS Development Course using Swift(Swift UI) and Google firebase as database

#### EXTRA CURRICULAR ACTIVITIES

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| <b>Donald Farquharson Hall Public Relations Committee</b><br><i>Editorial Coordinator</i> | University of Technology, Jamaica<br>June 2020 - January 2021        |
| <b>Donald Farquharson Hall Public Relations Committee</b><br><i>Graphic Designer</i>      | University of Technology, Jamaica<br>September 2018 - June 2020      |
| <b>IEE Institute of Electrical and Electronics Engineers</b><br><i>Member</i>             | University of Technology, Jamaica<br>September 2018 - September 2019 |