

Alex Hanna

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EDUCATION

Rutgers University-New Brunswick

Bachelor of Sciences in Computer Science

Piscataway, NJ

Expected May 2028

- **Relevant Coursework:** Data Structures

EXPERIENCE

Stock Boy

Russo's Market

Summers, 2021 – 2024

North Wildwood, NJ

- Maintained the appearance of the store's shelves and fridges by keeping them stocked to maximum capacity
- Performed miscellaneous janitorial tasks throughout the kitchen and store

PROJECTS

RU Eating App | *Swift*

Sep. 2024 – Present

- Developed an iOS app for viewing the Rutgers University dining hall menus using the MVVM architecture
- Uses SwiftSoup to parse web scraped menu data, which is formatted and displayed using SwiftUI
- Downloaded over one hundred times from the App Store

Frontier Game | *JavaScript, HTML, CSS, Node.js*

April 2024 – Present

- Developed a full-stack web game with a Node.js server and a Javascript website as the frontend
- Contains four-player multiplayer utilizing the WebSocket protocol for client-to-server communication
- Features game mechanics inspired by a board game

Blackjack Game | *JavaScript, HTML, CSS*

March 2024 – April 2024

- Developed a single-player blackjack web game
- Features hitting, standing, doubling down, splitting and surrendering

Workouts App | *Swift*

Sep. 2023 – March 2023

- Developed an iOS app to record gym workouts
- Uses CoreData to persist workout data, such as sets and reps

Chess Game | *C#*

Jan. 2023 – Oct. 2023

- Developed a two-player chess console application game
- Displays interactive chess board showing a player's legal moves

TECHNICAL SKILLS

Languages: C#, Java, Python, JavaScript, HTML/CSS, Swift, Nix

Frameworks: Node.js, SwiftUI, Java Swing, Windows Forms

Developer Tools: Git, Linux, VS Code, Visual Studio

Libraries: CoreData, SwiftData, SwiftSoup