

# **Dylan P. Moran**

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Recent Graduate looking to become an experienced, well-rounded developer and engineer.

## **Education**

**University at Albany, State University of New York**

**May 2023**

Bachelor of Arts, Computer Science

**GPA: 3.2**

Award: UAlbany Best Computer Science Capstone Project Spring '23

NYS STEM Scholarship

Presidential Scholarship Honors:

Dean's List

## **Relevant Coursework & Projects**

Software Engineering | Calculus of Several Variables | Assembly Computer Programming | Cybersecurity | Data Structures |

Programming at the Hardware Software Interface | Design and Analysis of Algorithms | Principles of Programming Languages

***Capstone Project in Computer Science (in process):*** Cipher - End to End Encrypted and Non-Persistent Messaging iOS/Android Application

- Engineered an interactive and appealing user interface for the user through SwiftUI, UIKit, UI Elements, and Objective C
- Utilized XMPP Framework to connect to server, send and receive messages, & presence and subscription requests
- Programmed HTTP GET and POST Requests to server to retrieve and upload public encryption keys and emails used for verification
- Designed Core Data Storage and data models to store message entities for unread messages
- Corresponded source code with team members through GitHub
- Adapted to the changing needs of the project in an agile environment
- Produced weekly demonstrations and documentation of updates to application and code for the project sponsor

***Software Engineering Group Project:*** CC Delivery - Campus Food Delivery Web Application

- Created a multipage website for the campus food delivery web application by using React, HTML, CSS, and Javascript
- Prioritized features and project workload of an agile environment via scrums and team meetings over the course of the semester

***Programming at the Hardware Software Interface:*** Command line Connect-4 Game

- Used C language to create game board, update the board, and allocate space for the board data

## **Technical Skills**

Java | C | Swift | Xcode | Word | Powerpoint | GitHub | MIPS Assembly | XMPP Protocol | React | React Native | HTML | CSS | Javascript |

Amazon Web Services | UML Diagrams | Agile/Scrums | Latex Documents

## **Work Experience**

**Server/Bartender Trainer, Maggie McFly's Restaurant, Albany NY**

**February 2021 - Present**

- Created positive dining experience for multiple customers at a time while working between the bar and table settings
- Trained new employees on how to create a positive experience for all diners

**Partner, Stewarts Shops, Stillwater NY**

**June 2019 - June 2021**

- Managed a plethora of responsibilities ranging from product audits, assisting customers, stocking, and making food

## **Extracurricular**

**Member, Theta Chi Fraternity, University at Albany**

**Fall 2020 - Present**

*Scholarship Chairman*

**Spring 2021 - Spring 2022**