14614 Grenadine Drive Apt 7
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ALEXANDER McFARLAND

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EMPLOYMENT

Student Instructional Learning Assistant	University of South Florida	January 2022

Intro to Databases course
- Assist teaching a class of 150 students material revolving around MySQL
- Grade work and host study sessions for the students
- Provide 1 on 1 tutoring

AV Technician	University of South Florida	August 2021

- In charge of maintaining and fixing the technology in a building on campus.
- Act as a first responder to professors having issues with the technology while teaching a course

Team Lead	Chick Fil A	August 2018-July 2019

- Lead a team of 20+ employees
- Solved problems that would arise
- Trained new employees

EDUCATION

Tampa, FL	University of South Florida	Fall 2019-Fall 2023

- B.S.E. in Information Technology, Fall 2023. In Major GPA: 3.75
- Undergraduate Coursework: Databases, IT concepts, Object Oriented Programming, Programming concepts, Robotics Process Automation, Discrete Structures, Statistics, Calculus 3.

TECHNICAL EXPERIENCE

Projects
- **Blackjack Game** (2020). A fully operational blackjack game that allows 1-6 players and keeps track of a balance that players can use to place bets with. Java

- **Fantasy Football Database** (2021). Database that has the history of the last 5 years of the NFL's fantasy football scoring. Users can use it to see individual players years, positions, teams, or overall scoring. SQL

- **Trivia Game** (2019). A trivia game that has allows multiple users to answer 10 trivia questions and then their results are posted after the game finishes. Python

ADDITIONAL EXPERIENCE AND AWARDS
- **First Prize, Google coding competition (2019):** Awarded 1st prize for a coding competition on campus, out of 200 people.
- **Lead Programmer, Robotics Team (2017):** Lead programmer a robotics team in high school that made a robot move and paint. Arduino

Languages and Technologies
- Java, Python, SQL, Arduino, C++(Prior Experience)
- Microsoft SQL Server; Eclipse; PowerBi; Windows; Excel; Visual Studio; UIPath; Teams;