

# Shadai Alexander

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## EDUCATION

### George Mason University

Fairfax, VA

*Bachelor of Science in Applied Computer Science, Concentration in Game Design*

*Jan. 2022 – May 2024*

- **GPA:** 3.33/4.0
- **Relevant coursework:** Software Engineering, Visual Computing, Database Concepts, Game Programming, Data Structures, Statistics
- Dean's List: Spring 2023

### John Tyler Community College

Midlothian, VA

*Associate in Computer Science*

*Jul. 2019 – Jun 2021*

## EXPERIENCE

### US Rater

Nov 2022 – Aug 2023

*Telus International*

*Remote*

- Analyzing and providing feedback on text, web pages, images and other types of information for leading search engines on a self-directed schedule.
- Played a crucial role in the AI training process by meticulously evaluating and rating a diverse range of videos, providing essential labeled data for machine learning algorithms.

### Customer Experience Assistant

Jun 2021 – Dec 2021

*CarMax*

*Richmond, Va*

- Completed administrative tasks and supported customers online and over the phone by answering questions, conducting follow ups, resolving conflicts.
- Contributed to team engagement by creating activities to enhance team morale.

### Front House

May 2020 – Apr 2021

*Chick-fil-a*

*Richmond, Va*

- Worked in a fast paced environment, providing friendly and effective customer service such as order taking, expedition, and quick adaptation to customer needs.

## PROJECTS

### Dorm Dazzle | C++

September 2023 – November 2023

- Designed my own game engine and developed an idle dorm decorating game that allows the player to decorate a dorm room.
- Designed the Graphical User Interface along with a vast collection of isometric sprite objects.
- Implemented various features and functionality such as inventory, money, and saving functionality.

### Study Sigma | Python

Jan 2023 – May 2023

- Developed a study app for a course project for college students that uses complex algorithms, to take in a YouTube URL and retrieve a transcription from the video. The app can generate a short summary for the transcription, creates flashcard sets, and includes a calendar and study plan generator.
- Implemented multi-language support within the app, enabling users to seamlessly interact with the software in various languages.
- Developed and designed the Graphical User Interface, focusing on user-friendly interactions and an intuitive visual experience.

### MasonConnect | Java

Apr. 2022 – May 2022

- Developed a social networking application called Mason-Connect for a course project using Data Structures
- Strategically designed and successfully implemented a versatile tree data structure using an ArrayList. This involved conceptualizing and creating a scalable tree hierarchy to efficiently manage and organize data, enhancing the system's performance, and facilitating streamlined data traversal and manipulation.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, HTML

**Developer Tools:** Git, Visual Studio, PyCharm, Eclipse

**Libraries:** CustomTkinter, Tkinter