

# Jack Seigerman

Memphis, TN | XXX-XXX-XXXX | jdseigerman@gmail.com

## EDUCATION

---

### Rhodes College

Bachelor of Science

Major in Computer Science

Relevant Coursework: Software Engineering; Computer Systems; Advanced Algorithms; Graphics HCI

Memphis, TN

Expected May 2026

## EXPERIENCE

---

### Teaching Assistant COMP 325 (Computer Science 325 Graphics, Virtual Env. HCI)

Rhodes College

- Provide assistance to students and help grade assignments.
- Create code in C# using Unity VR to make helpful demonstrations

Memphis, TN

Aug 2024 – Current

### Grader COMP 141 (Computer Science 141 programming Fundamentals)

Rhodes College

- Grade and correct Python projects and labs in Jupyter Notebook.

Memphis, TN

Dec 2023 – Current

## PROJECTS

---

### Image Generator

- Designed and implemented an image generator that pulls any random image from Imgur in Java
- Built in Java, with the UI created using the Java AWT package
- Worked together using paired programming with another developer

June 2024

### Video Downloader

- Designed and implemented an app for Windows and Mac to download videos from youtube
- Built using Python, with the PyQt5 package for the UI and FFmpeg for MP4 and MP3 conversion

May 2024

### SteamVR Toggler

- Designed and implemented an app for Windows to quickly toggle VR functionality for some apps
- Built using C# in Visual Studio using Windows forms for ui and frontend management

June 2024

### Graphics Library Converter

- Created a converter for an older Python graphics library for use in modern Python IDEs
- Built using calls to the Turtle graphics library
- Installable through Pypi and the command line

Feb 2024

### Unity VR Multiplayer Framework

- Worked on a small team to create a well documented peer to peer multiplayer framework for Unity VR
- Built using C# in Unity with a relay system to allow for a peer to peer connection

Nov 2023

### Black Jack Card Game

- Designed and implemented a playable Black Jack card game with a GUI
- Built using Java with the Java Standard Library package
- Worked together using paired programming with another developer

May 2023

## ADDITIONAL

---

**Technical Skills:** Proficient in C, C#, C++, CSS, HTML, Java, JavaScript, Lua, Python, R, Swift, TypeScript

**Other Skills:** Proficient with Docker, Git, Github, Unity, Unreal Engine, Visual Studio, Xcode

**Other Tools:** Amazon AWS, Microsoft Azure, Oracle OCI

**Leadership:** President of Photography Club, Treasurer of Hillel, Treasurer of Photography Club