

# Timothy Alexander

[timey47@gmail.com](mailto:timey47@gmail.com) | [linkedin.com/in/timmyalexander](https://linkedin.com/in/timmyalexander) | [github.com/timey47](https://github.com/timey47) | [timmyalexander.com](https://timmyalexander.com)

## EDUCATION

### University of South Carolina

*Bachelor of Science in Computer Science : GPA: 3.9*

Columbia, SC

Aug. 2022 – May 2025

## TECHNICAL SKILLS

**Languages:** Java, Javascript, Python, C++, HTML/CSS

**Developer Tools:** Git, GitHub, VS Code, PyCharm, Eclipse, Linux

## EXPERIENCE

### Resident Assistant

*University of South Carolina*

August 2023 – Present

*Columbia, SC*

- Enforce university housing policies and procedures while serving as a role model and mentor to residents in a safe, inclusive, and impactful living community.
- Facilitate a welcoming and inclusive experience for 250+ residents.
- Organize and execute hall and dorm events to encourage residents to meet others.
- Distribute helpful information about resources on-campus to educate residents.
- Strive to make Carolina feel like home for all residents.

### Workforce Specialist

*Carowinds*

June. 2022 – August 2022

*Charlotte, NC*

- Assisting the Workforce Director with maintaining workforce management system integrity, understanding data inconsistencies, and ensuring daily requests are handled efficiently
- Process Password Resets and other system requests
- Ensure that Divisions are entering data accurately and resolving any real time scheduling and timecard issues

## ACTIVITIES AND INVOLVEMENT

### Cyber-Security Club

*University of South Carolina*

Jan 2023 – Present

*Columbia, SC*

- Promote the education and applicable experience of prospective IT professionalism, particularly with regard to the topics of cyber security and information assurance.

## PROJECTS

### Website Portfolio | HTML, CSS, Git, Web Development

October 2023 – November 2023

- Designed an engaging user interface with a clean, modern aesthetic, creating a user-friendly browsing experience.
- Carefully selected and registered the domain name "timothyalexander.com," which reflects a professional and personalized web presence.
- Utilized a reliable web hosting service to ensure the website is accessible 24/7.

### GroupChat Server | Python, Socket Programming

September 2023 – October 2023

- Engineered a network chat application utilizing Python's socket and select modules to handle asynchronous I/O, allowing for efficient real-time communication across client-server architecture.
- Devised a user-friendly command-line interface for seamless interaction, enabling users to connect to the server, exchange messages, and exit the chat with intuitive commands.

### File Checker | Python, VirusTotal API, Requests Library

August 2023 – September 2023

- Developed a Python-based tool utilizing VirusTotal API to analyze and detect malicious URLs, enhancing web security.
- Implemented an efficient and user-friendly interface that allows users to input URLs for security scanning.
- Leveraged the Requests library for robust API communication, ensuring reliable data transfer.

### Youtube Video Downloader | Python, Pytube Library

May 2023 – June 2023

- Engineered a Python-based YouTube downloader that leverages the PyTube library, enabling users to effortlessly download videos in high-resolution MP4 format with a simple command-line interface.
- Implemented a dynamic content retrieval system that displays vital video information—such as title, viewership, and description—prior to download, providing transparency and building trust with users.