

# Mohid Tanveer

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## EDUCATION

### Rhodes College

Expected May 2025

B.S. Computer Science, Overall GPA: 3.92/4.00, Major GPA 3.96/4.00

Memphis, TN

- **Relevant coursework:** Programming Fundamentals in Python, Object Oriented Programming, Systems Programming & Computer Organization, Multivariable Calculus, Data Structures and Algorithms, Discrete Structures, Computer Systems and Systems Programming, and Programming Languages
- **Honors:** Honor Roll and Dean's List in all semesters, High School Essayist (3/92), Boy Scout Eagle Scout

## EXPERIENCE

### Rhodes Department of Computer Science

August 2023 – Present

Peer Tutor

Memphis, TN

- Tutored and guided 50 introductory and intermediate Computer Science students in one-on-one weekly sessions
- Designed individual lessons and extra help to ensure the students' success by assessing their strengths and weaknesses regarding knowledge of the relevant curriculum

### Governor's School for Sciences and Engineering

June 2022 – July 2022

Tutor, Residential Assistant

Knoxville, TN

- Supported and advised 121 students selected for Tennessee's most competitive, state-subsidized summer camp
- Introduced a College Admissions Panel, delivering valuable insights to students and achieving the highest attendance rate among RA-hosted events, with a 95% turnout

### First Choice Medical Care

May 2021 – August 2021

Information Technology Intern

Dyersburg, TN

- Deployed a new online database to store approximately 3,000+ clinic patient medical records
- Automated tedious office tasks for employees, improving overall productivity by reducing time for these tasks by 90%
- Prepared comprehensive documentation and conducted training sessions for 15 employees, enabling them to effectively utilize the new database and automation tools

## Projects

### weLikethis

August 2023

Web Application

[Repository Link \(access by request\)](#)

- Employed Python-based Flask framework with a MongoDB database, React, and SSL encryption to create a web application enabling users to share and explore music preferences, fostering connections based on musical compatibility
- Implemented user authentication and password encryption using industry-standard techniques, ensuring data security and privacy for users of the application. Employed salting and hashing methodologies to protect sensitive user information
- Utilized Spotify's API and designed custom API endpoints within the application to seamlessly integrate music-related functionalities, enabling users to access their Spotify data and perform various actions within the application. Employed RESTful principles for efficient data exchange and enhanced user experiences

### mohid-tanveer.github.io

May 2023

Portfolio Website

[Repository Link](#)

- Evolved from basic web development to creating an efficient, multi-page layout with consistent user experience
- Streamlined the project by porting to React mid-development, showcasing adaptability and commitment to continuous improvement

### Rhodes Ramble

May 2023

Anonymous Social Media via Command-Line

[Repository Link \(access by request\)](#)

- Applied program client/server programming, networking, and project management skills to create an application that runs within a terminal where users can post anonymously for other users to upvote, downvote, or comment on
- Demonstrated proficiency in implementing data structures such as hash maps to optimize application functionality

## SKILLS & INTERESTS

**Technical:** Proficient in Python, C, HTML & CSS, JavaScript, Node.js/React.js, MongoDB. Familiar with C++, Racket, R

**Languages:** Intermediate Spanish and Urdu

**Interests:** Guitar, Film Photography, Weightlifting, Soccer, Fashion, Literature