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**: Object Oriented Programming, Systems Programming & Computer Organization, Multivariable Calculus, Data Structures and Algorithms, Discrete Structures, Computer Systems and Systems Programming, Programming Languages, Artificial Intelligence, and Advanced Algorithms.
- **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. Experienced with SQL, C++, R

Languages: Intermediate Spanish and Urdu

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