WORKNEH, ARESEMA
Rockville MD | 2029833848 | workneharesema@gmail.com

OBJECTIVE

I am eager to use my skills and knowledge to make a positive impact in the field.
and am constantly seeking new opportunities to learn and grow as a professional.
In my free time, I enjoy exploring new technologies and keeping up with the latest.
developments in the field.

EDUCATION

B.S Computer Science & Mathematics   Towson University

- Expected graduation: May 2023

PROJECTS

Nine Men's Morris AI Board Game

- Used Java and integrated AI methods to implement gameplay logic and decision making.
- Conducted extensive testing and debugging to ensure smooth gameplay and robust AI performance.

Java/Swift Sorority Application

- Used Java/Swift application to facilitate communication and organization within a sorority, integrating user authentication, event scheduling, and task management for efficient management.
- Designed to help sorority members stay organized and connected, and to facilitate smooth communication and collaboration.

React-based Dating App

- Developed a dating app with React and MongoDB, implementing user authentication, real-time messaging, and thorough testing for high-quality user experience.
- Designed to help users connect and form meaningful relationships in a safe and efficient manner using a zip code algorithm.

Agent-based Model in Python

- Developed a Python simulation model to analyze economic behavior of multiple agents.
- Implemented functions for agent spending, debt repayment, and weekend spending fluctuations.
- Conducted simulations and analyzed agent VIP balances, goods, rent and wage values.

EXPERIENCE

Project Analyst   Current
SCB Consulting

- Successfully worked with a team of developers to design and implement a state compliance website using React and MongoDB
- Coordinated with clients to gather requirements and ensure project goals were aligned with business objective.
                                                                                   JAN 2020-MAY
                                                                                   2022
Mathematics Tutor
Gap Busters

- Strong analytical and problem-solving skills developed through teaching math to students of varying skill levels.
- Experience using technology and online resources to enhance the learning.