Ebram Mekhail

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EXPERIENCE

Computer Networks | Teacher Assistant   January 2023 – Present
New Jersey Institute of Technology| Newark, NJ

- Proctored and graded assignments for 200 students, ensuring accurate and timely feedback on student performance and understanding of course material.
- Created and implemented weekly quizzes to assess student understanding and progress in the computer network course, providing students with regular opportunities to test their knowledge and identify areas for improvement.

Information Technology | Lab Assistant   September 2021- May 2022
Hudson County Community College | Jersey City, NJ

- Collaborated with colleagues to ensure all the desktops, projectors, microphones, and speakers, in the Computer Labs are working optimally.
- Implemented and assembled new software as well as hardware to optimize the online experience for both professors and students. Implementations include the use of voice tracking cameras to give the online students and the professor the in-person experience.

Sales | Cashier   June 2019 - August 2019
Dunkin' | Jersey City, NJ

- Using communication and leadership skills was able to provide customers with a quality experience and was able to streamline sales.

EDUCATION

New Jersey Institute of Technology | Bachelor of Science in Computer Science   September 2020 - December 2023
- Honors: Deans List
- GPA: 3.7
- Relevant Course Work: Advanced Data Structures and Algorithms, Database System Design and Management, Computer Architecture and Design and Web Application Design

VOLUNTEERISM

St. George & St. Shenouda Coptic Orthodox Church| Tutor   October 2018 – June 2019
- Tutored young immigrants, and high school students in the following courses: AP Chemistry, AP CS, Pre-Calc, and Algebra 2.

PROJECTS

Tic-Tac-Toe | Python
- Using the Pygame library successfully created a multiplayer and single player Tic-Tac-Toe game with score tracking capabilities, and a single player bot that uses an algorithm to play against the user .

Compiler | C++
- Utilizing various programming skills and techniques creating a lexical analyzer, parser, and interpreter that is able to break down the provided text and convert it to a variant language based upon Fortran. Finally given the user the output of the given text with syntax error feedback.

Tasky | MongoDB, Express.js, React, Node.js
- Employing the MERN stack with a Rest API and adding authentication with Jason Web Tokens. In addition, utilizing redux toolkit for frontend authentication. Finally deploying using GIT and Heroku.

Realest Estate | SQLite, Express.js, React, Node.js
- Using a Real Estate API from RAPIDAPI, I created a Zillow Clone, that shows homes for sale for our users.
- Our users can create accounts that are JWT secured to save their favorite homes and contact the brokers.
- The website is hosted on AWS using ECS we pushed a two docker images of the frontend and backend to an Elastic Container Repository and then we created clusters that use tasks to host it on load balancers.

SKILLS

- Node.js, Express.js, React, Angular, Java, Python, C++, C, C#, JavaScript, HTML, CSS, PHP, jQuery, MongoDB, SQL, AWS, Terraform, Docker