Mohammad AlZarieni

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EDUCATION

The University of Texas At Dallas

B.S. in Computer Science   **December 2026**

Relevant Courses: Data Structures And Introduction to Algorithmic Analysis, Computer Architecture, Discrete Mathematics, Object-Oriented Programming in C++, Java, and Python, Systems Programming in UNIX and Other Environments.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, Assembly, HTML, CSS, JavaScript, React.js.

Technologies/Framework : React, Flask, MangoDB, Firebase, Bootstrap.

RELEVANT EXPERIENCE

Corporate Trainer , Next Level Marketing (AT&T Campaign)   **Dallas, TX May 2023 - October 2023**

- Conducted interviews for team development and established the team from ground up.
- Boosted sales by 35 % within the company and recognized as top performer for the AT&T Campaign.
- Demonstrated leadership skills by mentoring , and developing activities for outside of work bonding.

Volunteer Python OOP Tutor at Memorial University Of Newfoundland   **August 2022 - December 2022**

St. Johns NL, Canada

- Volunteered on-campus as a Tutor for the Object oriented programming course in Python.
- Aided more than 50 students in understanding concepts such as Objects and Classes, Inheritance, and Polymorphism.
- Proof-read their assignments and Labs. Making sure they meet faculty standards in terms of outline and comments.

PROJECTS

Weather Web | Firebase, JavaScript, HTML, CSS   **May 2024**

- Developed a dynamic web application that retrieves real-time weather data for specific locations using OpenWeather API.
- Implemented user authentication and account management system with Firebase, including secure login, sign-up, and password recovery features via pin to email.
- Designed Firestore database structure to store and retrieve user information, including custom checks for username uniqueness.

Wordle By Theme | Java   **August 2024**

- Developed a Java game application that takes inspiration from the game Wordle. It has different categories such as country, movie, and more. It also has different difficulties and the use of hints to find answers.
- Utilized data structures to efficiently manage game logic, word validation, and tracking of player guesses.
- Integrated a database to store and retrieve category-specific word lists, user scores, and game statistics.

EXTRA-CURRICULAR ACTIVITIES

Member, ACM (Association for Computing Machinery), UTD   **August 2024 - present**

- Participated in more than 50 technical workshops, and networking events, enhancing programming skills and engaging with the tech community.