Zachary Mohamed

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EDUCATION

University of Central Florida   Orlando, FL
Bachelor of Science in Computer Science   *Expected Grad, May 2025*
- Relevant Coursework: Data Structures and Algorithms, Computer Architecture, Object-Oriented Programming, Systems Software, Discrete Mathematics

Valencia College   Orlando, FL
Associate in Arts   *Grad. 2023*

PROJECTS

Blackjack | *C*   May 2024 – Present
- Created a console-based blackjack game in C, allowing players to compete against a computer dealer.
- Engineered game logic, including shuffling, dealing cards, and calculating face values to simulate gameplay.

TDEE Calculator | *Java*   Feb 2024 – Present
- Developed a TDEE Java GUI to calculate recommended calorie intake for dieting.
- Implemented a simple user interface for input and output of results.

Memory Game | *JavaScript, HTML/CSS*   July 2021 – Present
- Built a picture-matching memory game while teaching myself JavaScript.
- Utilized DOM manipulation to dynamically generate and update game elements.
- Integrated game logic, including card flipping, matching, and scoring mechanisms.

EXPERIENCE

FC Associate I   Jan 2022 – Aug 2023
Amazon.com Inc   *Orlando, FL*
- Prepared customer packages for delivery pickup in a fast-paced environment, ranging from small to complex/heavy packages.
- Worked with team members to ensure work was complete promptly and under Amazon safety guidelines.

Insurance Adjuster   Jan 2021 – Oct 2021
The Allstate Corporation and State Farm Insurance   *Austin, TX & Philadelphia, PA*
- Help policyholders recoup damages to property from major weather-related events.
- Retain knowledge from the insured's insurance policy to determine coverage decisions.

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, React, HTML/CSS
Developer Tools: Git, VS Code, Visual Studio, PyCharm, Eclipse, Linux
Libraries: pandas, NumPy, Matplotlib