Zachary Mohamed

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EDUCATION

University of Central Florida   Orlando, FL
Bachelor of Science in Computer Science   *Expected Grad, Dec 2025*

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

PROJECTS

Supplement Store | *React/JS, Express, PostgreSQL, HTML/CSS*
- Built a store site displaying workout supplement products, leveraging a React front-end.
- Utilized a RESTful Express back-end, integrating PostgreSQL for data management and user authentication, including login and register functionality.

NBA Stat Search | *Python, Flask, React/JS, HTML/CSS*
- Produced an application to search and display NBA player statistics, utilizing React.
- Architected a Flask back-end that interacts with an external API, fetching real-time player data.

Help Desk Ticketing | *React/JS, HTML/CSS*
- Designed a ticketing application while learning react, letting users submit and track IT issues.
- Integrated a form for ticket submission, a dashboard for tracking issues, and a popup system for viewing details.

Blackjack | *C*
- 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*
- Developed a TDEE Java GUI to calculate recommended calorie intake for dieting.
- Implemented a simple user interface for input and output of results.

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, HTML/CSS, SQL
Frameworks: Flask, React, Express
Developer Tools: Git, GitHub, VS Code, Visual Studio, PyCharm, Eclipse, Linux
Libraries: pandas, NumPy, Matplotlib