

Zachary Mohamed

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EDUCATION

University of Central Florida
Bachelor of Science in Computer Science

Orlando, FL
Expected Grad, Dec 2025

Valencia College
Associate in Arts

Orlando, FL
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.

Contact Manager | *Linux, Apache, MySQL, PHP*

- Collaborated on a contact management application for a school group project while learning the LAMP stack.
- Responsible for implementing contact/user search, edit, and delete features, while maintaining our MySQL database.

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

Amazon.com Inc

Jan 2022 – Aug 2023

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

The Allstate Corporation and State Farm Insurance

Jan 2021 – Oct 2021

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, PHP, SQL

Frameworks: Flask, React, Express, Apache

Developer Tools: Git, GitHub, VS Code, Visual Studio, PyCharm, Eclipse, Linux

Libraries: pandas, NumPy, Matplotlib