15 SKYLINE DRIVE, SOUTH WINDSOR, USA, 06074 •
ZAKARIAMER123@GMAIL.COM • 8607139301

ZAKARIA MERZOUGUI

Software Engineer

PROJECTS

Portfolio Website: I Built a 4 page-personal website from scratch using HTML, CSS, and JavaScript which contains information about me page, my personal projects page, my resume, and a contact page

Movie Recommender App: I Built a movie recommender app using Python libraries and an API that fetches a database of over 5000+ movies to choose from and recommends the Top 5 movies related to the user's choice

Unity Platformer Game: I built a platformer game on Unity using C# for the game and player mechanics which includes; Jumping, Running, Wall Jumping, Death, etc. I personally designed some of the sprites and created animations for the player and objects.

2D Java Platformer Game: I, along 3 other students, took on a school project where we used Agile methodologies to develop a doodle jump clone using Java. We used a GitHub Reposition where we continuously collaborated and effectively communicated to fully develop and publish the game.

EMPLOYMENT HISTORY

GROUP LEADER   **Jun 2021 - Jul 2021**
MELC   *Manchester*
♦ Led a classroom sized group of elementary school kids and engaged them in activities, fostering teamwork and enhancing engagement.
♦ Organized daily schedules, improving time management and productivity.
♦ Resolved conflicts, promoting a harmonious group environment.

PEER TUTOR   **Oct 2024 - Present**
Quinnipiac Learning Commons   *Hamden*
♦ Mentored students in preparation for exams and coursework, focusing on foundational concepts and advanced applications to ensure success in rigorous academic settings.
♦ Provided personalized tutoring in advanced STEM subjects (computer science, calculus, discrete math, physics) and language (Arabic), improving students' academic performance and conceptual understanding.
♦ Developed effective learning strategies tailored to diverse learning styles, resulting in enhanced student engagement and retention of key concepts across a range of technical subjects.

SKILLS

Critical Thinking, Software Development, Time Management, Web Development, API Development, Problem Solving.

EDUCATION

MASTERS   **Aug 2023 - May 2027**
Quinnipiac University   *Hamden*
♦ Honors Program and Dean's List with PGPA of 3.88
♦ Accelerated 3+1 Program Cyber Security (3 year Bachelors Degree program in Computer Science and 1 year Masters in Cyber Security)
♦ Member of the Chess Club and Muslim Student Association

LANGUAGES

Arabic *(Native)*, Spanish *(Novice)*.