# Kareem Eid

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## **Personal Attributes**

A motivated and innovative Computer Science student with a strong foundation in software development, AI, full-stack web, and mobile applications. Excellent communication skills, thriving in collaborative environment. Enjoys creative work projects with a passion for personal development and strong work ethic.

## Education

Computer Science (BSc) at Sheffield Hallam University | Expected Graduation 2025

- Led and coordinated two university group projects, overseeing planning, design, and implementation
  of full-stack web applications.
- Architected an online library system with features for media rental, subscription management, secure payments, and personalized user profiles.
- Built a GPS-based hospital navigation system with video walkthroughs, accessed via QR codes; positively reviewed by Chesterfield Royal Hospital for accessibility and utility.
- Independently developed a sports-focused social media app using Flutter and Firebase, integrating camera functionality, real-time notifications, and MVVM architecture.
- Created an AI-powered image caption generator using Python (TensorFlow), applying deep learning models to process and describe visual inputs.
- Designed and deployed several full-stack applications featuring authentication, data persistence, and role-based access.
- Recipient of the Sports Performance Scholarship for national-level achievement in trampolining.

A-Levels at West Bridgeford School 2020

Maths (A), Physics (B), Art (A\*)

11 GCSEs at The South Wolds Academy & Sixth Form 2018

# Work Experience

Sales Assistant and Stock Room Sorter at River Island, May 2023 - November 2023

- Consistently exceeded weekly sales target, providing tailored shopping service for customers.
- Responsible for stock management and merchandise delivery coordination. Maintaining and improving store efficiency.
- Recognized for exceptional performance and reliability, leading to the opportunity for a full-time contract.

Event Bartender at HAP Solutions, May 2023 - December 2023 | Event Steward at Sierra 1, August 2022 - March 2023

- Provided on-the-ground event security and customer assistance at high-traffic venues, including football matches, concerts, and festivals.
- Delivered high demand bartending service, ensuring accuracy in cash transactions and product handling.
- Successfully managed crowd control and safety enforcement, diffusing conflicts and ensuring compliance with venue regulations.
- Developed strong communication and organizational skills, assisting in coordinating large crowds efficiently.

Casual Mail Sorter at Royal Mail Warehousing, October 2021 - April 2023

- Maintained 100% sorting accuracy, processing thousands of parcels daily under strict time constraints.
- Improved efficiency in mail handling, reducing errors and increasing dispatch speed.
- Developed strong team collaboration and communication while coordinating with multiple departments.

Brand Representative at Hollister, November 2020 – October 2021 Arabic Teacher Assistant of academic Year 1 – 2, September 2016 to July 2018

# Extra-Curricular Achievements

- Duke Of Edinburgh (Bronze and Silver): Developed leadership, teamwork, and problem-solving skills through challenging expeditions.
- Fluent and Proficient in Arabic (including different dialects).

### Interests

- Competitive Trampolining Train four times a week, competed at Nationals and British Championships (Ranked 14th in UK, 2023), demonstrating discipline and perseverance.
- Fitness & Strength Training Maintain strict Gym regime training six times a week, focused on endurance, strength, and goal setting.
- · Food & Cooking Passionate about trying new cuisines and experimenting with different recipes.
- Gaming & Football Enjoy both solo and team-based gaming and play casual football with friends.
- Travel & Culture Lived in Egypt, Saudi Arabia, and Dubai, love exploring new cultures and experiences.

#### Technical Skills:

Languages & Programming: Python, C++, C#, Dart, JavaScript, PHP

Web Development:

React.js, Vue.js, Laravel, HTML, CSS, REST APIs, Node.js, MVC

Mobile Development:

Flutter (MVVM), Kotlin, Firebase (Auth, Realtime DB, Firestore, Cloud Messaging)

Database Technologies:

MySQL, SQLite, phpMyAdmin, Firebase

AI & ML:

TensorFlow, NumPy, Pandas – image captioning, deep learning pipelines

System & OOP Design:

C++ file systems, memory ops, and architecture with OOP principles (C#, PHP)

Tools & Workflow: Git, GitHub, VS Code, Android Studio, Postman, Figma, MockPlus

Practices:

Agile (Scrum/Kanban), CI/CD basics, project coordination, team collaboration, Trello, Jira

#### Extra Projects:

C++ File System Simulator:
Built a CLI-based file
management system simulating
low-level memory and I/O
operations.

Gym & Student Portals: Full-stack PHP/MySQL web apps for membership tracking, rolebased access, and reporting.

Vue.js & Laravel Apps: Developed modular web UIs and RESTful backends for CRUDbased admin dashboards.

Multiple Web Prototype: Built web UI mock-ups with dynamic routing and component reusability using MockPlus and Figma.