





James Beech


Graduate Software Developer


 Dubai (Residency Visa), United Arab Emirates


 jamesbeech2003@hotmail.com

 +971568240519

 Driver's License: Yes

 LinkedIn Profile

 GitHub

 Personal Site

<> Professional Summary

First-Class Computer Science graduate with a strong foundation in backend development, software engineering, and AI. Skilled in Python, Java, C/C#, SQL, and Rust, with hands-on experience building full-stack applications, reinforcement learning systems, and embedded IoT tools. Successfully led and delivered complex technical projects including an AI-driven horror game and a hospital management system. Detail-oriented, fast learner, and eager to contribute to high-impact backend engineering teams.

Work Experience

Fitness Instructor

Oct 2024 — Jun 2025

Kent Sport Canterbury, United Kingdom

- Maintained gym and ensured all equipment was safely stored and ready for use.
- Assisted members by offering guidance on proper form, technique and safe equipment use.
- Supported the gym team in monitoring the training area to promote a safe and welcoming environment.
- Developed communication skills by interacting with a wide range of gym users, adapting advice to various fitness levels.

Project Management Assistant

MACE Construction Dubai, United Arab Emirates

- Gained hands on experience at the Expo 2020 Dubai site, developing an understanding of construction processes and project lifestyle management.
- Allocated teams to incomplete tasks to maximize resource efficiency and diversify the workload across 2 different projects.

Projects

Fintech Banking App

MVC Architecture (PHP, JS, jQuery)

Built an interactive web app simulating banking functionality with authentication, database storage and clean UI.

Procedurally Generated Game with Reinforcement Learning AI

(C#, Unity)

Created an AI agent to navigate a procedurally generated environment using player tracking logic.

Book API System

(Java, Springboot)

Developed REST API for library management, integrated Swagger UI for testing/documentation.

Hospital Management System

(Java, SQL, GitLab)

Applied Agile development strategies to produce frontend and backend. Set up automated Gitlab CI/CD to run automated unit tests to ensure code stability on each push.

Skills

Java

Python

C#

C

JavaScript

PHP

SQL

SpringBoot

jQuery

SwaggerUI

REST APIs

MVC Architecture

GitHub

Agile

Problem Solving

Time Management

Team Collaboration

Education

BSc (Hons) Computer Science

University of Kent Canterbury, United Kingdom

2022 — 2025

- Graduated with First Class Honours
- Key Modules include: Web Development, Software Development, Computer Systems, Blockchain Systems, Computer Networks and Communications.
- Projects included: Agile Development, Full-Stack Applications, IoT Prototypes, Blockchain Smart Contracts

International Baccalaureate

JESS Arabian Ranches Dubai, United Arab Emirates

2009 — 2022

Higher Level: Computer Science, Maths AA ,Geography

Standard Level: Physics, English, Spanish