Hamza Berqia

Trowbridge | 07715 643 578 | hamzaberqia@hotmail.com

// INTRODUCTORY PROFILE

Ambitious, dynamic, and adept Computer Science student with a passion for new and emerging technologies, coupled with a love of web and application development. Built awareness encompassing web technologies and development during recent studies. Academic achievements are underpinned by a mix of professional experience in multifaceted and deadline-driven settings necessitating self-motivation and a positive response to pressure. Relishes challenges and is quick and willing to learn and apply new processes and procedures. Strong cultural awareness, global mind-set, and bilingual skills (English / Arabic) gained via a love of international travel.

in https://uk.linkedin.com/in/hamza-berqia

- Python Programming
- Java Development
- Interpersonal Communication
- Analytical Thinking
- Team Player
- Complex Problem Solving
- Figma
- HTML & CSS
- Java script
- Node Js
- C#
- Unity games development
- Github
- PC Building
- Hardware/Software Troubleshooting
- Available for Remote work
- Microsoft Office Suite

// EDUCATION AND QUALIFICATIONS

UNIVERSITY OF PORTSMOUTH   2019-2022

BSc (Hons) Computer Science, First Year Average 68% (2:1)

- Analysed processes associated with software systems development and computer architecture.
- Improved awareness of Human-Computer Interface (HCI) and how to develop sound criteria 'user friendliness' and make reliable and repeatable judgements based on them.
- Developed skills in business systems analysis, computer and network management and MySQL database design.
- Studied web service management, Software Development Lifecycle (SDLC), network security and cloud computing.
- Project managed development of a CPU; prepared diagram explaining processes.
- Created pattern project in Python requesting grid size, set of chosen colours and error messages in cases of invalid data.
- Designed a futuristic support package used by Special Forces and health care professionals, including robotic health care package be controlled using Brain Computer Interface (BCI).
- Coordinated design of a plan for networking systems at a festival.

BSc (Hons) Computer Science, Second Year Average 68% (2:1)

- Software Engineering group Project - created a web-based application called "what can I cook". This web application allowed users to input their ingredients from home and see what foods/dishes they are available to cook. Also, other features such as favourites, create your own recipe, diet filters and storing as well as a calorie calculator.
- Web Programming project - created a source code plagiarism checker which allowed users to store files and compare them to a file which they upload. The user will receive a plagiarism report after uploading the file. The report showed the character difference of each file, this was done by using npm levenstein.
- Programming applications and programming languages (PAPL) project - created a choice game using Java and android studio for front end and backend. I created a decision map diagram and converted it into a csv file. From this file I was able to create a decision game with either yes, no, back or enter options.

BSc (Hons) Computer Science, Third Year 66% (2:1)

- Robotics - creating robots in Vrep to pick up objects and deliver them to a specific location. Successfully created a litter bot that used sensors and cameras to detect objects and colours. This was done to help indicate what type of litter the robot is picking up and which bin the litter needs to be delivered to.
- Final year project, finding a solution to the ineffectiveness of health care patient reporting systems/applications. Proposed solution was to create a new user interface using an interactive 3D graphical body for patients to select where they feel pain or discomfort. This was done to help increase the effectiveness of patient interaction in medical health applications.
- Theoretical Computer Science – focusing on the mathematical aspects of computer science, languages, grammars, finite automata, Turing machines and push down automata

BSc (Hons) Computer Science 2:1 (66%) - Achieved June 2022

CITY OF BRISTOL COLLEGE   2017-2019
National Foundation Diploma Level III in Computing (Distinction * Distinction * Distinction)

- Project managed development of a children's primary school mathematics game using C# programming language.
- Developed a website using HTML and CSS.

ST. LAURENCE SECONDARY SCHOOL   2012-2017
Eight GCSEs (all grade A*-C), including English, Mathematics and Science

// PROFESSIONAL EXPERIENCE AND ACHIEVEMENTS ──────────────────────

Avon Protection   2022-Present
IT PMO Admin

- Utilised complex problem and strong communication skills to manage, resolve and effectively communicate issues on the delivery of products to employees in the UK and different time zones.
- Dealt with numerous project management tasks across multiple sites
- Displayed adept and analytical skills to gain knowledge and experience on new software systems (Sage x3 & SAP).

G-Plan   2021-2021
Warehouse Operative

Westbury Packaging Ltd   2021-2021
Warehouse Operative

Banner   2021-2021
Warehouse Operative

ACRONYM COMPUTERS   2019-2020
Hardware and Software Engineer

- Called upon complex problem skills to manage and resolve hardware and software issues.
- Project managed software installations, administration, troubleshooting and upgrades.
- Utilised communication skills to articulate complex technical detail to non-technical people in an accessible format.
- Tested systems performance and reported on strategies to resolve issues.
- Cemented an appreciation as to the importance of first-class customer service alongside energy, drive and enthusiasm.

LARKRISE COMMUNITY FARM   2016
General Assistant

- Displayed versatility and adaptability in a multifaceted role supporting animal care functions while managing activities for children from diverse social and cultural backgrounds with special needs.
- Event managed Riding for the Disabled (RDA); called upon strong organisation and resource management skills.

// PERSONAL HIGHLIGHTS ──

- Orchestrated a seamless charity football tournament at Goals in Portsmouth.
- Enhanced written communication and people engagement skills while administering a Twitter page with 800+ followers.

// OTHER ──

- Fluent in English reading, speaking, and writing
- Fluent in Moroccan Arabic (Darija) speaking
- Crypto currency investing
- Sorare trading
- Co-Founder of HSUX Design