

Carlos Arcaraz

Currently Bradford-based but flexible on location.

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Full UK Driving Licence



PROFILE AND OBJECTIVE

A highly motivated and forward-thinking junior software engineer with a solid foundation in programming languages such as Java and Python. Experienced in developing web applications and working collaboratively in Agile teams. Seeking a challenging role to utilise my technical skills and contribute to the growth of a dynamic organisation.



EDUCATION AND QUALIFICATIONS

University of Bradford

Oct 2020 – May 2023

BEng (Hons) Software Engineering

Achieved: 1st Class Honours

- *University Projects* – see section under ‘University Projects’ below.
- *Key Modules (Year 3)* – Final Year Project, Mobile Application, Software Systems Design and Testing, Principles of Security Technologies, Large Scale Data Driver Applications.
- *Key Modules (Year 1 to Year 2)* – Yr2: Enterprise Pro; Yr2: System Security Management; Yr2: Computer Communications and Networks; Yr1: Technical and Professional Skills; Yr1: Software Design and Development; Yr1: Computer Communications and Networks.

Hanson Academy, Bradford

Sep 2018 – Jun 2020

GCE A Levels: Chemistry (C), Biology (C), Double Sport (Double Distinction*) and Public Services (D*).

Co-op Academy, Priesthorpe

Sep 2015 – Jun 2018

GCSEs: 10 subjects (3As, 6Bs and 1C) including Mathematics, English and Spanish.



TECHNICAL AND SOFTWARE SKILLS

- Possess extensive knowledge of the key fundamentals in Java, SQL, PHP, Python, CSS, HTML, JavaScript, and C# programming which is being strengthened and expanded every day.
- Experienced in MySQL, PhpMyAdmin and MongoDB.
- Skilled in Linux and Windows.
- Great understanding and expertise on IDEs such as Eclipse, NetBeans, IntelliJ and Notepad++.
- Proficient in mobile app development and website design/creation.
- Expert in using all Microsoft Office packages.



UNIVERSITY PROJECTS

Final Year Project – ‘An E-commerce Website System Designed for Easy Navigation and a User Specific Interface.’

- Created an E-commerce website that optimises its layout based on how well a user can navigate websites.
- The software used to code the website was Notepad++. HTML and coding languages such as PHP, CSS, JavaScript were also used in the creation of the website with MySQL being the database management system.
- In the FYP conclusion, evidence and tests suggested that the optimisation feature creates a positive impact on user experience and helps users to navigate more efficiently.

Second Year Group Project – ‘Enterprise Pro’

- Worked with a team to create a web-based application for a grocery recommender with over 1 million products on a MongoDB database using HTML, CSS, JavaScript, and PHP.
- Successfully applied the Agile Methodologies and ‘Proof-of-Concept’ model to help in the design and testing of the project and met the supervisors’ needs and all completed in a timely manner.



EMPLOYMENT AND WORK EXPERIENCE

Junior Software Engineer (Placement)

Oct 2021 – Jun 2022

ABC Company, Leeds, West Yorkshire

- Provided database integration and migration through new IT systems.
- Helped and advised clientele on what software to use for communication.
- Designed and implemented software using coding languages such as Java and Python.
- Tested software code and resolved any issues.
- Applied Agile Methodology to the required work.
- Active implementation in proof of concept in testing.

Donations Officer

Sep 2019 – Jan 2021

Orphans In Need, Bradford, West Yorkshire

- Provided efficient database and administrative support for all income that was generated.
- Worked independently during peak times.
- Participated in vital telephone campaigns, updated system information daily.
- Built rapport with customers, clients, and donors.
- Processed donations and handled money as well as adhering to company policies and procedures.

Social Media Manager

Jun 2019 – Jun 2020

Sweet Desserts, Huddersfield

- Responsible for making a positive impact on the business reputation & generating increased sales.
- Successful promotion of business via social media to maximise the brand's identity and generate increased traffic to the business.
- Created exceptional customer service rules and regulations to train staff, thus allowing staff to effectively communicate with customers and how to deal with different customers' issues without resulting in conflict or problems.
- Thrived in the fast-paced environment during the summer.
- Contributed to increasing sales by creating a new product on the menu 'Brownie Dough.'

Receptionist and Social Media Manager

Sep 2018 – Mar 2019

Swimming Pool Hire, Bradford

- Organised and managed the pickup and drop off times for all the swimming pool chemicals.
- Amended stock records and carried out stock investigations.
- Booked appointments and rescheduled any as well as handling deposits.
- Created efficient customer service and dealt with any issues or cancellations effectively.
- Created an excellent and successful marketing scheme that generated more traffic to the social media accounts.



LEISURE INTERESTS

- Sport – love playing football and have played at a semi-professional level, now just playing for a local club at the weekends. Generally, I like all kinds of sports activities, it doesn't matter what sport this may be because of my super competitive nature.
- Travel – enjoy going out with friends and travelling to new and exciting places; regularly try to prioritise the time out of my week to spend with friends and family.
- Crypto – keeping up to date with crypto related news, I invest in small micro-cap crypto tokens and spend a lot of time talking to enthusiasts on telegram.



REFEREES

Professor Ciprian Daniel Neagu, Senior Lecturer, University of Bradford
Dr Rob Holton; Personal Academic Tutor - University of Bradford

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