# Jack Walker

23 Bluebell Close, Leek, Staffordshire, ST13 7AW

E-mail: jd.walker@sky.com or info@jackwalker.dev       Mobile: 07852 931 050

LinkedIn: https://www.linkedin.com/in/jack-d-walker/   GitHub: https://github.com/JackW-Dev

Website: https://JackWalker.Dev

## Profile
I am a computer science graduate with strong interpersonal skills and a desire to excel in the computing field. Responsible and reliable, I always aspire to fulfil a task to the highest standard.  I have experience in management, with an emphasis on team leading and organisation.

## Experience
As a BSc Computer Science graduate from Staffordshire University, I have gained experience in a variety of areas in the computing field. I thoroughly enjoyed my time studying this course and strived to achieve the highest marks available in each module. I took advantage of all opportunities to learn that were presented to me, including studying extra, non-required modules alongside my own. It is due to this desire and drive that I was awarded First Class Honours in June of 2021.

In addition to my bachelors' course, I attended and participated in a variety of events and conventions, including VMWorld 2020, AWS Innovate Machine Learning, and Microsoft Ignite. I also completed many online courses for a variety of languages on the Hyperskill and SoloLearn platforms.

Previously, I worked a part-time role as a member of the management team in a retail environment. In this position, I was required to organise tasks and assign job roles to staff, ensure health and safety standards are being followed, cash up tills, and deliver a high standard of customer service. This is a position that I held from May 2019 to August 2021, before which I worked for the same company since July 2016. I was promoted from sales assistant upon recommendation of the store manager due to the skills that I had displayed in my previous position and my ability to work flexibly.

## Current Role
I am currently employed by Capgemini as a Graduate Software Engineer, working within the Core Systems and Transformation division on the HMRC account based in Telford.

## Education
Staffordshire University (September 2018 – June 2021):

First Class Hons BSc Computer Science

Moorlands Sixth Form College (September 2016 – June 2018):

3 A levels: Mathematics, Computer Science and Business Studies

Moorside High School (September 2011 – June 2016):

13 GCSEs including Maths, English, Separate Sciences, and IT

## Applicable Skills
Organisational skills. Balancing work and university assignments allowed me to develop my time management skills to identify and prioritise tasks to achieve the best overall outcome.

Team working and communication skills. Through working in a fast-paced retail environment, both as part of and a leader of a team, I developed a strong set of interpersonal skills that have aided me in both the workplace and at university.

## Technical Skills

Proficient knowledge and experience using C, Java, Kotlin, and Python.

Basic knowledge and understanding of Dart, Ruby, Go, C++, HTML, CSS, and JavaScript.

Knowledge and experience of embedded system development. Specifically implementing various systems using C on the Motorola 68HC11 microcontroller, as well as having utilised LabView to implement solutions on a MyRIO FPGA.

Android development skills using both Java and Kotlin. I have implemented a variety of Android applications throughout my tenure at Staffordshire university, for which I leveraged a variety of hardware-specific features and APIs. As an extension of this, I began to learn Flutter with Dart in my spare time to allow me to produce multiplatform applications from a singular codebase.

Experience producing and utilising machine learning systems, with an emphasis on classification and generation models. Specifically, I have experience producing a music genre classification system, and a generative adversarial network capable of producing "hand-written" digits.

Strong understanding of both hardware and software concepts that underpin most systems, including architecture and software interfacing.

Understanding of design diagrams and pseudocode to produce a solution in a variety of languages.

Able to produce informative documentation, with full testing plans and data.

## Achievements and Interests
- Full, clean driving licence (Car owner)
- Basic understanding of German, spoken and written.

References available upon request.