CURRICULUM VITAE

I studied Maths and its applications at Cardiff University and graduated in 2019 with a Second Class Honours Division One.

During my studies I passed multiple coding modules which gave me foundational knowledge and understanding of Python and how it can be used in a mathematical environment. I found these modules to be the most interesting and engaging courses I studied which is what led me to pursue a career in software development and take independent courses online to learn multiple different coding languages. To build upon this interest, I have recently graduated from a coding Traineeship as a full stack developer including completing 2 real-world projects successfully to specification using a wide range of programming languages. I have excellent customer service, communication, teamwork and organisation skills and a strong work ethic. I am looking forward to establishing a career in the development field where I can prove myself as an asset.

PERSONAL DETAILS

NAME: Lewis Clarke

RESIDES: Manchester

TRANSPORT: Full UK driving licence and vehicle

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CODING TRAINEESHIP   **IT Career Switch Ltd**
Coding Traineeship – Full stack developer
1-year program

During the traineeship I had to demonstrate a very competent level of the following programming languages and technical skills

- HTML5, CSS3, JavaScript
- PHP, SQL, React, jQuery
- Java, Python, C#, Node.js
- Command Line Git, GitHub
- Remote API access

I have recently passed my **Microsoft 98-383: Introduction to Programming Using HTML and CSS**. More information on this certification can be found at: https://docs.microsoft.com/en-us/learn/certifications/exams/98-383

ADDITIONAL TECHNOLOGIES:

- Bootstrap, Leaflet

DEVELOPMENT EXPERIENCE:
Below are the two briefs of development projects I completed with IT Career Switch which can be found in my bio:
https://www.lewiscclarke.co.uk

Portfolio Project #1: "Gazetteer"
The specification was to reply to a website specification for a map-based app to provide information on countries – with a focus on a "mobile-first" development. Preferably using a framework, to then develop HTML, CSS and

JavaScript with JQuery modules that use PHP server-based components to source data from third-party APIs (Geonames, OpenWeather). The solution is assessed on its delivery to specification, functionality, and usability.

Portfolio Project #2: "Company Directory"
A more rigorous reply to this specification was required as a user requirements document was needed to be prepared which, when signed off, triggers the release of SQL allowing to develop a "mobile first" application to maintain a company personnel database (MySQL). Sign-off is only achieved upon the student supplying an independently witnessed document providing confirmation of the system's ability to perform error-free.

CAREER HISTORY:

Sep 2019 – Present   **Colston Bakeries**
POSITION HELD: **Office Manager**

- Heading all IT functionality and support including till management, spreadsheets and data entry
- Administrative responsibilities: email correspondence, invoicing, running company weekly payroll and pension– even minor errors in data entry were impactful, requiring great attention to detail.
- Updated systems; implemented automatic formulas, saving time on pension, invoicing and payroll processes and mitigating errors
- Installing production planning: constant monitoring and advanced planning to ensure smooth operations. This resulted in less waste, reduced production costs and in turn increased profits.
- Administering property management arm of the company.

EDUCATION:
2016 – 2019   **Cardiff University**
                                                  BSc (Hons) Applied Mathematics (*Grade: 2:1*)

2014 – 2016   **Hereford College**
                                                  Four A-Levels (*Grade: A* – C*)