Connor Bridle

Home address: 45 Gibson Crescent, Elworth, Sandbach, Cheshire, CW11 3HW

Email: [cbridle121@googlemail.com](mailto:cbridle121@googlemail.com) Mobile: 07542532969

**Objective**

Seeking an entry-level position as a Software Developer utilising knowledge of various programming languages.

Key strengths:

* Driven individual with a passion for technology and programming.
* Time oriented
* Quickly pick up and learn new concepts
* Keen problem solver

**Education**

**2015-2018 University of Keele**

BSc (Hons) Computer Science Expected result: First Class Honours

First year average: 85% Second year average: 77%

* Attained a first-class grade in all modules taken in first year of study.
* Consistently achieve first-class grades in all Java/Programming modules.
* Enjoyed practical programming assessments where I was able to put my skills developed in Java into context.
* Gained valuable experience in team working through ‘Requirements, Evaluation and Professionalism’ and ‘System Lifecycles and Design’ modules, as well as development of skills in UML.
* Developed skills in a broad range of technologies including Java, C++, Python and web languages.

**Key technical courses included:**

Fundamentals of Computing, Programming fundamentals, Programming II: Data structures and Algorithms, Advanced Programming Practices, Cybercrime, Database Systems, Bioinformatics, Communications and Networks, Web Technologies and Games Computing.

**Other courses:**

German 2, System Lifecycles and Design, Requirements, Evaluation and Professionalism, IT Architectures.

**2007-2014 Sandbach School**

A levels: Information Communication Technology (B), Applied Science (B), Business Studies (C)

AS level: Art Graphics (A), General Studies (C)

GCSEs: 9 including Mathematics (B), English Literature(C), English Language(C)

**Technical skills**

**Platforms:** Windows, Linux, OSX.

**Languages (Competency):** Java (High), C++ (Low), HTML5 & CSS (High), JavaScript (Medium), Python (Medium), SQL (Low).

**Other software:** Git, LaTeX, UML.

**Other applications:** Microsoft Office, Excel, Powerpoint.

**Experience/**

**Volunteering**

**Code Club volunteer**

Helped to establish and run a weekly coding club for children aged 9-11 to build and share their ideas in new and creative ways at Newcastle-under-Lyme public library. Involves guiding children through activities in Scratch, HTML & CSS and Python by making games, animations and websites.

**Projects**

**Recreation of a single player variant of AGAR.IO in the processing language**

In the processing language (a Java based language), I developed a single player game based on the popular game AGAR.IO.

**Development of a program that advises whether a food item should be eaten or not dependant on healthy eating standards.**

Currently developing an application which forms the basis of the final year project. The application takes nutritional values from food labels and other personal measurements and provides the user with a decision on whether the food would be ‘advisable’ to eat. The project is being developed in Java.

**Development of a Protein Sequence Motif search tool.**

Developed a web-based application which searches any protein sequence with a given Prosite pattern. This project was completed for the Bioinformatics module on my course. Web application was developed in HTML5 & CSS and JavaScript; with a back-end Python script dealing with the more complex motif searching process.

**Other projects**

Other explanation

|  |  |  |
| --- | --- | --- |
| Technology | Where used/developed | Competence level |
| Java | Gained competency through use in each year of my university career. | High |
| C++ | Gained experience through ‘*Games computing’* module. | Low |
| HTML5 & CSS | Gained competency through use in each year of my university career. | High |
| Javascript | Gained a solid level of experience through various modules such as *‘Bioinformatics’* and ‘Web *Technologies’****.*** | Medium |
| Python | Gained experience when developing an amyloid protein motif search tool in the *‘Bioinformatics’* module. | Low |
| Git | Used to centralise and control versions of key work and projects from my main computer and laptop. | Low |
| UML | Obtained knowledge throughout second year modules *‘Requirements, Evaluation and Professionalism’* and *‘System Lifecycle and Design’* | Medium |
| Microsoft Office | Constant use throughout university and college. | High |
| SQL | Developed a small database along with web interface using OracleSQL in ‘*Database Systems*’ module. | Low |
| Linux |  | Low |
| OSX | Used throughout all my years at university on my work Macbook Pro. | Medium |
| LaTeX | Used during my final year of study to produce more professional academic papers; especially in my final year project. | Medium |