Thomas Rhys Morgans

07425 135 971

[tommy.morgans@yahoo.co.uk](mailto:tommy.morgans@yahoo.co.uk)

[Thomas Morgans Profile](https://thomasmorgans.github.io/) (Website)

Personal statement

I am an intelligent, ambitious, and versatile individual who is looking for an opportunity that will build upon my programming skills and lead into a career in technology.

I first became interested in programming whilst on work experience at the Imperial university’s faculty of Bioengineering where I learned the basics in Fortran. Since then I have completed a GCSE in computing, acquiring the fundamentals in both Java and JavaScript as well as some HTML skills.

I have recently graduated from the University of Leeds in Mathematics in which I used Python throughout, and in fact my dissertation investigated the best ways to generate and solve sudoku puzzles using Python.

This inspired me to learn more, and since graduating I have also attained some skills in technologies like CSS and HTML, on top of learning how to code using C++. This has enabled me to produce a simple game program with C++, which can be viewed on my personal webpage along with my dissertation.

Key Skills

* Fundamental skills in various programming languages and technologies including Java, JavaScript, Python, C++, HTML and CSS
* Enjoy solving puzzles and finding new and creative ways to approach challenging problems
* Possess very good writing skills and excel at mental arithmetic
* Passionate about a career in technology and eager to learn more about developing software
* Strong communicating skills and an effective team player

Education

University of Leeds

(September 2017 - June 2020)

BSc Honours Class 2:1 in Mathematics

* Achieved a first for my final year dissertation project, which involved writing code in Python to produce and solve variations of a sudoku puzzle

Twyford CofE High School

(September 2009 - June 2016)

A-levels**:**

* Mathematics – A
* Further Mathematics – B
* Biology – A

GCSEs:

* 13 GCSEs A\*- C including A\*s in Maths, English and RE
* Achieved an A Computing, a GCSE the school was piloting

Employment History

Maths Tutor, Prime Tuition Hounslow

(December 2020 -)

* Tutoring maths to students from year 2 up to year 11
* Lessons consist of teaching up to 5 students for 2 hours, in which their homework and classwork is marked and set with appropriate feedback given where necessary

Tennis Coaching Assistant, The Park Club

(October 2016 - July 2017)

* Worked with fully qualified tennis coaches to teach children aged between 4 and 16, from complete beginners to more talented individuals in the tennis club’s academy

Oasis (Volunteer)

(August 2015)

* Lived at the Oasis for 2 weeks, a home for abused girls in Guatemala ran by the charity Kids Alive International, where with a team of others I started the building of a prayer garden

Hobbies & Interests

I enjoy nothing more than travelling, visiting new destinations and experiencing different cultures. I am also very fond of hiking, having completed the GR20 course in Corsica back in the summer of 2016. I am an avid sports fan, playing a lot of football when I was younger, but I also closely follow rugby, cricket and tennis.

When relaxing I like to read and solve puzzles, the latter so much so that my dissertation was to write code that generates and solves sudoku puzzles. Gaming is also a big part of my downtime, along with listening to music and reading books from various eras and genres.

References

References are available upon request