

TOM MOSS

DOB: 20 / 06 / 2001

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Location: Hartlepool

Education

Teesside University 2023-2024

BSc Hons Computing

Heriot Watt University 2019-2023

BEng Computing and Electronics

UTC Leeds 2016 – 2018

A - Levels

BTEC Engineering D*

Computing A

Maths C

Physics C

Queen Ethelburga's College 2013 – 2016

GCSE

Biology A

Maths 7

Computing A*

Physics A

Chemistry A

Design Technology D

English Language 5

English Literature 6

Engineering Di

Skills

Programming languages

- Lua
- Embedded C
- Assembly (Atmel AVR)
- C#
- Java
- Html, CSS Javascript
- Python
- mySQL

Software

- Visual Studio Code
- Git / Github
- Blender
- Eclipse
- Logisim
- Paint.net
- Windows & Mac OS

Soft Skills

- Team oriented
- Analytical thinking
- Problem solving
- Written and verbal communication
- Adaptability

Continued Personal Development

2016

Duke of Edinburgh Bronze

2017

National Citizenship Service in UK and France

2024

Working through Adobe Creative Cloud Suite Certification.

Working towards a Harvard University professional certificate in Computer Science for Games Development

Employment

Creative Agenda 2024 - Present

3D Modeller & Animator
Website developer using Elementor

I work on projects for top level clients such as Tarkett Sports, Field Turf UK, Yorkshire Air Museum Farming Scotland and Riso Gallo.

About me

I have always been interested in Computing and Electronics, both are everywhere, constantly evolving and finding solutions to increasingly complex problems. New devices and components are being developed all the time and these advances may well affect the lives of everyone on the planet and I want to be a part of that.

I am familiar with microcontroller design and embedded system design and development. Programming has helped me greatly in tackling larger more complex problems by breaking things down into smaller manageable chunks, thinking logically and taking different approaches.

For the volunteering section of my Duke of Edinburgh Bronze I helped at the school science club, showing younger students how to use lab equipment safely. I enjoyed answering their questions and passing on some of my own knowledge. Programming and robotics are two of my biggest hobbies and I spend time each week doing these. I have several Arduino nanos and a Raspberry Pi and built my own computers to use for gaming and 3D CAD work using programs such as Blender and Fusion 360.

I have also completed several MOOCs such as Intro to Robotics and Python as well as several Smallpeice Trust courses in Physics, Cyber Security, Robotics and Engineering, and a Headstart (EDT) Electronics Engineering course at Edinburgh University. I also took part in the Week of Code at the National Computer Science Museum at Bletchley Park 2017.

I am focused, enthusiastic and engage well with others. I'm a good team player and enjoy meeting new people, enjoy helping others and would be happy to take the lead or a position of responsibility in a field which interests me.

Hobbies and Interests

Gaming
Programming
Modding
Warhammer
Walking (with Dog)

My Website

