

# Matthew Lockhart

COMPUTER SCIENTIST

## Details

07495 391661

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## Links

[GitHub](#)

[Linkedin](#)

[Website](#)

## Skills

GitHub



Python



C#



C++



HTML & CSS



Flask



Unity



## Languages

English



Swedish



## Hobbies

I am passionate about fitness and the outdoors which I enjoy through running, mixed martial arts, wild-camping and weight training. I also enjoy playing and developing games, I continue to improve my skill by creating small to medium sized projects both solo and with friends.

## Profile

BSc (Hons) Computer Science student from the University of Hull with a passion for programming. I am looking to develop my career with a company that is supportive of enhancing skills and personal development within a challenging environment.

## Education

### BSc (Hons) Computer Science for Games Development, University of Hull

SEPTEMBER 2021 – MAY 2024

Expecting 1st Class Degree

- First Year – 1st (75.85%)
- Second Year – 1st (77.18%)
- Third Year – Expecting 1st Class Degree

### A-Levels, Hill House School, Doncaster

SEPTEMBER 2007 – MAY 2020

Subjects

- Business Studies - A
- Classical Civilisation - B
- Economics - C
- Extended Project Qualification - C

## Employment History

### Director, Dot2. LTD

JUNE 2022 – PRESENT

- Design, development and maintenance of the company's website using Flask.
- Develop in-house software using C# to identify high-performing keywords for advertising campaigns.
- Managing the financials of the company using excel.

### Various Construction Roles, Yorkshire Water Features LTD

APRIL 2016 – PRESENT

- Part/Full time work for private company across a wide range of construction related tasks.
- Various elements of problem solving and logistical management.

## Projects

### Identification of Illegal Wildlife Trade through Social Media, Creator

- Developed, using Flask, Jinja 2, HTML and CSS a responsive website.
- SQL Database using RESTful API's.
- Twitter Data Scraper using Python to gather post data to analyse.
- Machine Learning Model to identify instances of illegal wildlife trade within posts scraped by the program using text data.

### OpenGL Game Engine & Pacman Clone

- Developed a modular game engine with component-based architecture.
- Modular Systems (AI, Audio, Physics, Collisions and Rendering).
- Compiled engine into a true DLL library.
- Game Engine Managers for complex tasks.
- 3D Pacman clone built utilising the engine and extending engine managers to complete complex game specific tasks.