

# Samuel Wilkinson

UNIVERSITY STUDENT



## MAIN OBJECTIVE

I am currently studying artificial intelligence at degree level. I am massively passionate about machine learning and in particular, methods that mimic our own biological functions such as neural networks and genetic algorithms. I hope to pursue this further in my career and work with multi electrode neural arrays that interface biological neurons and AI systems.

## TECHNICAL SKILLS AND ABILITIES

- Programming (Python, Java, C#, C++, SQL)
- Machine Learning (Supervised and Unsupervised Learning)
- Neural Networks and Deep Learning
- Image Classification
- Data Analysis (Tensorflow, PyTorch, Scikit-Learn, Pandas)
- Path Optimisation (Dijkstra, A\*, Particle Swarm)
- Mathematics (Regression, Probability, Calculus)
- Problem Solving and Logical Thinking

## CONTACT

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**Portfolio:** samuelwilkinson.github.io

**Location:** Cheltenham, Gloucestershire

## ACADEMIC BACKGROUND

### **Kennet School (6th Form) 2020-2022**

Computer Science - B

Mathematics - C

Music Technology - B

### **University of Gloucestershire 2022-2025**

Bachelors of Science (HONS) - Artificial Intelligence

Predicted Grade - 2:1

## WORK EXPERIENCE

### **Bar / Restaurant Staff**

The Six Bells | 2020 - 2022

I worked mainly as a sole/lead bartender and learnt the importance of teamwork, communication, and working efficiently whilst maintaining high standards.

### **Groundskeeper**

UK Wolf Conservation Trust | 2018 - present

During the summer months, I worked at the conservation trust helping to manage public events and maintaining the grounds. I worked closely with an experienced carpenter/builder and built bridges over streams and a treehouse. From this i learnt many practical skills and applied logical thinking to resolve physical problems.