SKILLS

C#

Python

Java

PHP

SQL

Blender

Unreal 5

Web Development

Machine Learning

EXTRA-CURRICULAR

Hackathons

HackSussex 2023-2025
Solo winner of the main prize for HackSussex 2025 with my computer vision project using Yolo V11 for ball detection. Once the ball is detected, I used the co-ordinates for camera re-framing to convert wide angle lens footage to broadcast style footage. I was also part of a team that produced a web-app which won the 2023 EDF track by calculating the carbon footprint for storing your projects on Github.

Hobbies

Creating and playing video games, building computers, 3D printing, watching football. I also completed a 100 mile cycle on a mountain bike, raising £1000 for Brain Research UK

GARY ISHERWOOD

garyisherwood1991@outlook.com - 07809157538
gisherwood.com - Brighton, England

EDUCATION

PhD student (Artificial intelligence - Informatics)   Sept 2023 - Present
University Of Sussex - Brighton, Sussex,

My research focuses on developing interactive visualisations to support studies of non-acoustic factors in aircraft noise perception. This work combines game engine technology with machine learning techniques to create immersive and data-driven research tools.

Bachelors of Science - Computer Science   Sept 2020 - May 202
University Of Sussex - Brighton, Sussex

I obtained a 1st class honours degree upon graduation in July 2023. Distinguished as one of two students to score a perfect 100% in the Further Programming module. Key modules included Databases, Machine Learning and Web Applications.

Placement in Human Computer Interaction   Jun 2021 - Aug 202
Nanyang Technological University NTU - Singapore

Completed a Merit-based full financial scholarship, studying 'Human Computer Interaction'

WORK EXPERIENCE

Software Engineer   May 23 - Aug 23
MetaSonixx, Brighton

- Developed an application for implementing Fourier Transforms on Oscilloscopes, enhancing the efficiency of the manufacturing workflow.

- Assisted with daily administrative duties and liaised with team members and stakeholders.

Tutor and Teaching Assistant   Sep 21 - May 2023
University of Sussex, Brighton

- Assisting with teaching the Introduction to Programming and Further Programming modules in Java

- Providing PAL (Peer Assisted Learning tutoring for Computer Science and AI students across all modules

Account Manager   Jul 20 - Feb 21
Sinnis, Southwick (Sussex)

- Managed relationships with a network of 130 dealerships

- Implemented stocking terms, contracts, sales, and POS systems

- Addressed day-to-day issues and resolved them efficiently