James Attree

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Education

University of Buckingham

BSc in Computer Science with AI and Robotics

2020 - 2023

Languages/ Skills

- Java
- C#
- C++
- SQL
- Python
- HTML/CSS
- Javascript
- PromQL
- AWS
- Github

Languages

English
Native

Japanese
Conversational

Interests

Machine Learning
Artificial Intelligence
Quantum Computing
Game Development
Eco-friendly
Data Sciences
Electrical Engineering

Relevant Technical Experience

Projects

- BB84 Quantum Computing Program
  Runs the BB84 protocol on a simulation (Clear outputs and editable variables)

- ASL to English Translator
  Translates ASL into English sentences using NLP and Gesture Recognition

- HTML, Javascript and CSS Sorting Algorithm Visualizer
  Visualizes sorting algorithms and displays them on a website using AWS CC

- Tank Crew
  Online FPS prototype game based in Unity, using the Pun 2 Networking solution

- Oxygen Incoming
  Singleplayer top down bullet hell, with a cartoon style

Other

- University of Buckingham's Computer Science Society (Social Secretary Role)
  Manage social media presence and organize weekly events
  Provide leadership

- University of Buckingham's Swim Society (President)
  Run every semi-weekly event
  Oversee all tasks pertaining to society
  Provide leadership

Work Experience

Hitachi Solutions | AI Intern [June - July 2023]

Tasks:
- Helping with AI model experimentation
- Attending meetings
- Project presentation