| linkedin.com/in/thomas-swaney-238326195

EDUCATION, HONORS & AWARDS

Edge Hill University

BSc (Hons) in Computing

- Graduated with Upper Second-Class Honours (2:1)
- Completed a final project on Penetration Testing a vulnerable system through various methods with the Metasploitable framework.

Edge Hill University

MSc in Cyber Security

- Graduated with Upper Second-Class Honours (2:1)
- Completed a final project on the security and viability of using images as passwords.

WORK EXPERIENCE

Shared Lives – Carer for Adults with Learning Disabilities

Voluntary Carer

- I have helped support five adults with learning disabilities over the past four years, by helping them with their daily activities, such as meals, washing, medication, day trips and more.
- By working as a voluntary carer, I have improved many of my skills, such as communication, patience and problem -solving.
- Participated in training sessions to keep updated on the best practices to care for adults with learning disabilities.
- Registered DBS Carer (Disclosure and Barring Service)

Independent Game Developer

All Roles

- Created 3 separate games, accruing over 100,000 unique plays.
- Managed strict timelines, and successfully followed plans in order to publish the games in a timely manner.
- Learned every aspect of game development through self-teaching, including: programming, designing, 3D modelling, user interfaces, data structure management, marketing and more. Doing so has proven my willingness to learn and improve my skillset.
- Learned the Lua programming language and could create complex systems with the language within weeks.

PROJECTS COMPLETED

Artificial Intelligence Video Game Marketplace Surveillance Software

- Developed an artificial intelligence capable of surveilling the "Counter-Strike 2" marketplace, which can create purchases and sales on third-party websites by using previously available data to aid its decisions.
- The artificial intelligence has made over 10,000 purchases, for items varying in price.
- Developing the software required learning multiple different skillsets, including: multi-threading, utilizing proxies, web scraping, handling large amounts of data and network traffic, and more
- This project improved my problem solving, as it required overcoming unforeseeable problems through all stages of development.

Interactive Data Visualisation for In-Game Item Consumption

- An interactive dashboard was created by using Python, MongoDB and Power BI. Chinese data made publicly available by China's gambling regulations allowed the creation of real-time tracking of the consumption of items in China on the game "Counter-Strike 2".
- Power BI dashboard: https://app.powerbi.com/view?r=eyJrIjoiYzk5ZjczZjctNDc4Mi00ODlhLTkxMjQtNGM1Nzc3NjA4OTYwIiwidCI6ImRhYWV jMDY4LWMzNGMtNDdiZi1hMjhjLWE3ZTM1MGFINTY1ZiJ9
- $\bullet \ GitHub\ Repository:\ https://github.com/SwaneyT/Perfect-World-CS2-CSGO-Gambling-Unboxing-Data-Archiver$

SKILLS, ACTIVITIES & INTERESTS

- Languages & Skills: French (GCSE) & English (Native Proficiency) | Microsoft Excel, Access, PowerPoint & Word | Python, Lua, Java, JavaScript, HTML, CSS | SQL, MongoDB
- Interests: Videogame Development, Database Management, Programming, AI, Open-Source Software, Digital Assets, Global Trends

Ormskirk, Lancashire 09/2019 - 07/2022

01/2023 - 07/2024

Ormskirk, Lancashire

Southport, Merseyside July 2020 – Present a their daily activities,

Southport, Merseyside

June - November 2024