Taylor Leyland
Machine Learning Data Analyst

----

15 Cherry Tree Avenue
Bradford
Phone: 07740554565
Email: tj.dennett15@gmail.com
Linkedin.com/Taylor Leyland

OBJECTIVE

Providing quality and assured solutions using data for every task, giving guaranteed security and results.

SKIILS

Python - 8 YEARS
Excel - 3 YEARS
PHP - 4 YEARS
CSS - 4 YEARS
JAVA - 4 YEARS
SQL and SQL+ - 4 YEARS
C# - 4 YEARS

EXPERIENCE

Bradford University, Bradford — *Faculty Support*

June 2017 - December 2017

- Assisted in using arduino hardware and software to create and successfully deploy wheeled robots utilising EPOC headsets for control
- Worked side-by-side with masters students and professors to produce academic papers.

Premier Learning, Bradford — *Tutor*

September 2020 - June 2022

- Lead and managed tutor groups ranging from reception age to A-level skill. Working from 1-1 specialised sessions to groups of 10+
- My GCSE and A-level students on average jumped two grades after spending a semester with my tutoring.

Keele German Society, Stoke — *President*

September 2023 - June 2024

- Organised and ran weekly meetings of 30+ students in two languages, multi-day trips including travel and stay logistics
- Communicated and gained partnerships with restaurants and bars for formal society events
- Secured funding for language classes for society members

PROJECTS

- **Utilising 1000+ videos and over 100,000 data points using data warehousing and SQL to leverage patterns of play to build a cue sports simulator for pool and snooker.**
- **Working with EPOC headsets to engage and control actuated robots with simple arduino architecture**

EDUCATION

Keele University, Stoke — *Computer Science (AI Specialisation)*

September 2023 - June 2025

- Studied varied areas of: web design, application design, networking, database management and creation creating multiple projects providing a well rounded understanding of all technical aspects of software development
- Dissertation utilising reinforcement learning to create a cue-sports simulation and playing agent working under a RAD framework. Created an agent with 90% playing accuracy and recreation capability.

HOBBIES

- First-team university pool player - played in national events and captained teams at BUCS
- Chess enthusiast - Attend a weekly club and play in online tournaments