Ruairi Tierney

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Github: https://github.com/ruairi212

EDUCATION

Anglia Ruskin University, Cambridge— BSc.(Hons)*Artificial Intelligence*

Al Ain English Speaking School, Al Ain — *A levels*

August 2019 - July-2021

Psychology:A, Physics :B, Math :C

PROJECTS

Together Culture C#.Net full stack software application —
Using C , SQL ,Git and the .Net framework

Created a user friendly software for together cultures members. Using SQL to keep track of user activity in the app, specifically event booking and membership status.

Dynamically updating Calendar in C#.Created the UI using .Net and various packages.

Activity Tracker App using ML algorithms in MATLAB —
Using Matlab mobile to track user movement and predict then track what activity they were doing.
 Also implemented a step tracker alongside it. Using Matlab App creation for the frontend

Full stack Sign language recognition software app —
Using C# and .Net framework to implement the Frontend of the app.
Designed a Neural Network and used transferred learning to use VVG19 to train my model.
It is able to detect real time Sign Language gestures from a camera

WORK EXPERIENCE

SKILLS

Implement Full stack software structures like Model–View–Controller.

Programming in C#,C++,Python

Scripting in LUA

Using Python Pandas to model real life problems.

Training ANNs and ML models using python libraries like scikit-learn

Team management and communication

Time management, Organisation and

Extra Curriculums

–ARU Rugby

–Artificial Intelligence Student Representative

–Eastern Young Greens Treasurer

Tesco Cambridge —Customer Service Desk

May 2023 - July-2024

Lidl, Amsterdam — *Check Out Operator*

August 2022 - March 2023