

Jay Ferrier BSc(Hons)

07484 708895 | fezza_j@btinternet.com | <https://www.linkedin.com/in/jay-ferrier-5b5605278/>

SUMMARY

I am a perceptive and driven Computer Science graduate, with an experience and interest in Software Engineering and Artificial Intelligence, as well as many years of programming experience in multiple languages and tools. I am looking for a graduate job in Software Engineering or Development. I have numerous work skills, such as teamwork and safety regulations, from work experience in the industry and part-time jobs.

EDUCATION & QUALIFICATIONS

Nottingham Trent University |Computer Science| 2ND Class Honours-1ST Division (2.1 High)
2022-2025

Relevant Courses:

- Information and Database Engineering (**High 1st**)
- Final Year Project (**Low 1st**)
- Advanced Software Engineering (**Low 1st**)
- Systems Software (**Low 1st**)
- Advanced Analysis and Design (**High 2.1**)
- Advanced Artificial Intelligence (**High 2.1**)
- Software Design and Implementation (**Mid 2.1**)
- Service-Centric & Cloud Computing (**Mid 2.1**)

Invictus Sixth Form

2020-2022

- A Levels Computer Science
- A Levels Business Studies
- A Levels Maths

GCSE

2020

- GCSE Maths
- GCSE English
- GCSE Computer Science (Completed outside of school in my own time and at my own cost due to course removal)

OCR Level 2 Diploma in IT User Skills (ITQ)

SKILLS

- Familiarity and passion of computer technology
- Coding Languages: C++, Python, C#, HTML, SQL, Java, Dart
- Experience with:
 - Object Orientated Programming and APIs
 - Docker, Cloud technologies, and Nodejs
 - Databases, MariaDB, and MySQL
 - Git and Version Control
 - Visual Studio, Visual Studio Code, and Android Studio
- First Aid Skills from Lifeguarding Certification

- Multiple successful leadership experiences from university group coursework.
- Valid drivers licence and own transport
- Languages: English

Programming Projects

- **Final Year Project – Virtual Coach**
 - Virtual Powerlifting Coach for beginners of the sport.
 - Developed using Human Pose Estimation, Artificial Intelligence and Software Development in Python with Tkinter
- **Client Group Project**
 - Led a client group project developing statistics from a provided job database.
 - Developed in Python
- **Group Project – Smart Fridge**
 - Led a group project developing a mobile app for controlling a theoretical smart fridge for chefs and delivery stakeholders
 - Developed in Android Studio with Flutter/Dart
- **Personal Project – Spotify Hands**
 - Project to control Spotify's Functionality through Hand Pose Estimation from a live webcam
 - Developed with Python and Spotify API
- **Current Personal Paired Project – ClockIn**
 - Paired Programming Project to develop a mobile application for restaurants and pubs.
 - Aides employees to track shifts, clock in and out of shifts, and see announcements and messages
 - Frontend developed in Flutter/Dart and Backend developed with Node.js and Cloud

WORK EXPERIENCE

Simworx Ltd | Work Experience

2019

- Week of work experience in motion simulation technology
 - Safety in the technology and engineering industry
 - Marketing and photo editing
 - Software and Hardware Engineering

Round Oak | Kitchen Staff | Contact: Sean Weir, Round Oak Inn, Wombourne Aug 2019 to Aug 2022

Round Oak Inn in Wombourne.

- For the first two years:
 - Washing up plates, cutlery, etc.
 - Helping chef staff by moving stock, processing stock ,etc.
 - Help with food preparation.

- Cleaning
- For the third year:
 - Promotion from pot washer to chef.
 - Chef work, such as cooking food and setting up plates to be sent to customers.
 - Cleaning

Garden Maintenance Labourer | Contact: Andrew Ferrier, ADF Maintenance
August 2023,

June 2023 –

May 2024 – September 2024

- Slab laying, Jet washing, Digging, Lawn mowing, Landscaping, Painting
- Communication with clients to ensure correct specifications of work and friendly relations.

TRANSFERABLE SKILLS

- Teamwork from working in a kitchen with other members of staff to ensure good customer service.
- Experience of working under pressure in a busy kitchen environment.
- Colleague communication skills from working in a kitchen environment with a restaurant team.
- Client communication skills from contact with garden maintenance jobs.
- Excellent work ethic from working within a busy restaurant environment.
- Teamwork skills from various group courseworks including the development of a mobile application for smart fridges

INTERESTS

Computer Science, Technology, Video Games, Powerlifting, Guitar and Music, Formula 1

REFERENCES

Sean Weir | Mr | Owner of the Round Oak Inn, Wombourne, Wolverhampton

Andrew Ferrier | Mr | ADF Maintenance