CV- Charlie Cray

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[Linkedin](https://www.linkedin.com/in/charlie-cray-905196336/) | [GitHub](https://github.com/CCray21)

# I am a motivated and dedicated Computer Science student at Sheffield Hallam University, seeking a year-long placement in the computer science industry. Equipped with hands-on experience through both academic and personal projects, I bring a strong foundation in programming, teamwork, and problem-solving, and I’m eager to contribute to real-world development environments and want to learn more about the industry.

# Education

GCSE: Winterhill School 2016-2021

* Maths: 7
* Computer Science: 5
* Science: 5-5
* English language: 4
* English literature: 4
* Business studies: 4
* Drama: 4

A – Levels: Thomas Rotherham college 2021-2023

* Psychology: A
* eSports: C
* Criminology: D

Sheffield Hallam University – Computer Science

* Programming for computer science: First
* Fundamentals of mathematics and computer architectures: 2:1
* Databases and the web: Third
* Software projects: Third
* Advanced programming: 2:1
* Algorithms and data structures: Third
* Professional software projects: 2:1
* Game Development: Third

# Skills

* Strong analytical and logical thinking
* Excellent time management and organizational skills
* High level of resilience and adaptability
* Effective team player with strong communication abilities
* Proven problem solving abilities
* Proficient in IT and computing

**Projects:**

XLN Project – Case Duplicate Prevention System (2024)

* Collaborated in a team of 5 to develop a web-based case prevention tool.
* Designed and implemented the front-end interface.
* Developed an automated email bot using PHPMailer for backend integration.

Ghost Mania (Unity)

* Created a rhythm game where notes disappear mid-screen, encouraging memory and rhythm precision
* Implemented beat synchronization, timing accuracy scoring, and ghost-themed feedback

Smart Home System (C++)

* Developed an object-oriented console application simulating a smart home
* Devices could be added, removed, and saved to/loaded from a text file

More projects are available on my [Linkedin](https://www.linkedin.com/in/charlie-cray-905196336/) and [GitHub](https://github.com/CCray21)

# Professional Experience

Crew Member – Barburrito  
*Part-time, 2021 – 2023*

* Delivered excellent customer service and supported kitchen operations
* Developed teamwork and time management in a fast-paced environment
* Awarded Employee of the Month for exceptional service

Team Member – JD Wetherspoon *(Current)*

* Responsible for food preparation, stock management, and bar support
* Known for efficient multitasking and strong collaboration during busy periods

# National Citizen Service (NCS) *Summer 2021*

# Organized charity events and managed group fundraising activities

# Completed First Aid training and gained leadership and event planning experience

# Interests and Hobbies

* Enjoy social activities, including theme park outings with my family and friends.
* Regular gym-goer, focused on improving my physical fitness and well-being.