

CHLOE WOODMAN

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Professional Summary

Software developer specializing in game development, holding a Computer Games Technology degree with honors at Birmingham City University. Expertise lies in programming, design, and modeling, with a deep passion about creating immersive gaming experiences. With a meticulous attention to detail and a collaborative mindset, I excel at translating concepts into polished gameplay. With a strong commitment to delivering high-quality code and optimizing performance to ensure seamless user experiences, I am ready to make a valuable contribution to the industry.

TECHNICAL SKILLS

| | |
|---------------------|---|
| Programming | C++ / C# / Python / JavaScript / NodeJS |
| Web and database | HTML, CSS, SQL |
| Framework/libraries | Bootstrap, Three.js |
| Game Engine | Unity Engine, Unreal Engine |
| API Usage | SDL2, OpenGL, OpenWeatherApp |
| Other | Git/GitHub / Microsoft Word / Microsoft PowerPoint / Microsoft Excel / Microsoft Access / Autodesk Maya / Blender / Visual Studio / Agile Methodology / Version Control |

EDUCATION

BSc (hons) | Birmingham City University | *BSc (hons) Computer Games Technology BSc*

Grade: *First class honors (1st) (2022-2024)*

Modules studied: *Collaborative Practice / Game Studio Production / Computer Graphics / Web Game Development / C++ Programming for Games / Game Engine Architecture / Individual Project / Artificial Intelligence for Games / Mobile Game Development / Console Game Development / Game Audio*

HNC | Dudley College of Technology | *Computing BTEC Level 4 Higher National Certificate*

Grade: *Pass (2021-2022)*

Modules studied: *Programming / Networking / Professional Practice / Database Design & Development / Security / Managing A Successful Computing Project / Web Design & Development / Mathematics for Computing*

BTEC LEVEL 3 | Dudley College of Technology | *IT BTEC Level 3 Extended Diploma*

Grade: *Distinction Merit Merit (DMM) (2019-2021)*

GCSE | Ormiston Sandwell Community Academy

9 GCSEs grades: *A-C (9-4) including English, Maths, Science, and Computer Science. (2019)*

EXPERIENCE

Student Researcher, Birmingham City University | Birmingham, England | November 2023 – December 2023

- Teamwork and communication skills
- Data collection and analysis skills
- Time management skills to handle the work load in an efficient manner

Commission Artist, Freelance | *Self-employed* | February 2021 – Present

- Organizational skills to meet deadlines.
- Ability to work independently and quickly learn any new software by myself with minimal training.
- Business and self-promotion skills

Crew Member, McDonalds | All Saints Way, *West Bromwich, England* | February 2020 – February 2021

- Worked to deliver quality customer service under a time limit, allowing for time management for deliverables in a fast paced and stressful environment.
- Customer service skills and verbal communication with coworkers; worked in a team – developed strong work and team ethic and how to talk in a professional manner.
- Adapted quickly to any new changes with machinery and new regulations following the COVID-19 guidelines.

PROJECTS

Collaborated Game “Beat Quest” | - Display upon request

- 3D game created with Unity Engine that utilizes AI and game audio techniques with the FMOD application for modular audio
- Uses version control and GitHub alongside GitHub projects and branches for version control and project management

Web Game “Laika” | - ([GitHub](#))

- Endless 3D Runner Web Game based on soviet space station’s space dog “Laika” from 1957 utilizing the Three.js library.
- Implements loading screen, home page, 404 error page, JSON for login and registering for full stack development and save score.
- Built using HTML, CSS, JavaScript and Node.js best practices.

Weather website | – ([GitHub](#))

- Basic weather website that utilizes the free API OpenWeatherMap to retrieve current weather and forecast for all locations around the world.
- Built using HTML, CSS, and JavaScript best practices.

ACHIEVEMENTS

| Class representative of HNC class (2022) | Cyber Discovery (2017) | Technical ability | Attention to detail/creativity. |
|---|---|---|---|
| Handle any enquiries & complaints that students would have and allow for a comfortable learning experience where students felt their concerns were being heard, in a quick and organized manner, communication and organization skills. | Graduated course, was a basic ethical hacking course (aimed at penetration testing) for young people. | Very knowledgeable of several programming languages and software packages | Due to spending time either programming or making art (in drawing or in 3D models), a strong eye for detail has been developed. |

