Emma Tarr

Worcester & Bristol

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Portfolio >> https://emtarr.games/

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About Me

A second-year Games Technology student focused on games programming, with a proven track record of over 20 years of professional experience in customer-facing and technical roles. Highly motivated, with a practical problem-solving approach and a passion for gaming, technology, and continuous learning. Seeking a work placement to apply and further develop my skills in programming, game development, and collaborative project execution.

Skills

- **Programming:** Confident in C++ with experience with Python and C#
- **Game Engines:** Experience with Unity, Unreal Engine and SFML
- **Technical Tools:** Familiarity with version control (Git), Maya, Photoshop, Krita
- **Problem-Solving:** Utilised IT breakfix experience to develop ability to troubleshoot complex technical issues and implement effective solutions
- **Communication:** Exercised verbal and written skills, further developed existing experience collaborating with diverse teams as demonstrated by return to education as a mature student

/* Appreciates and understands the importance of project planning and scope, continues to develop effective project and time management to adhere to time budgets and expectations ***/**

Education

BSc (Hons) Games Technology

University of the West of England | 2023 > PRESENT

- Focus on games programming, including pathfinding, game physics, multiplayer networking
- Developed 2D platformer and 2D point and click adventure using SFML C++ libraries to explore retro themes
- Collaborated on team-based projects using Agile methodology
- Continues to use professional resilience to meet new challenges

Projects and degree focus skills

- Participated in the Global Games Jam 2024
- Due to participate in the Global Games Jam 2025
- Student Representative for Games Technology first year cohort providing module feedback and student voice

A Levels

Filton High School Sixth Form | English (Language and Literature), Art, History

GCSEs

Filton High School | Passes in English (Language and Literature), Double Science, Maths, History, Art, and Design Technology

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Work Experience

Account Executive

Currys Business | Bristol | 2012 > Present

> Managed a portfolio of business clients, focusing on relationship building and problem-solving.
> Leveraged technical expertise to troubleshoot and resolve client IT issues.
> Trained colleagues on internal systems, fostering a culture of collaboration and skill development.

Breakfix Repair Technician

PC World | Bristol | 2007 > 2012

> Diagnosed and repaired hardware and software issues for consumer electronics.
> Performed component replacements and provided technical support for customers.
> Gained experience in troubleshooting systems, transferable to debugging game development issues.

Business Advisor & Sales Roles

PC World | Bristol | 2004 > 2007

> Developed sales strategies and maintained customer satisfaction in high-pressure environments.
> Strengthened ability to communicate complex technical concepts to non-technical audiences.

Hobbies and Interests

> Active gamer with a keen interest in gamification, the use of games for social benefit and diverse audiences
> Keen motorcyclist
> Owner of a side hustle rearing and selling exotic invertebrates, collaborating with the BBC to provide insects for filming in Bristol

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References

Available upon request.