

Sean Cunningham | BSc in Computing Science & Digital Media

Personal Details:

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Introduction

I am an accomplished, motivated, and enthusiastic graduate of the BSc in Computing Science & Digital Media at Atlantic Technological University. Now equipped with a comprehensive education and practical experience, I am ready to transition into a full-time graduate programme. My university journey, coupled with experience in a quality-driven and fast-paced environment, has finely-tuned my skillset, positioning me to continue to make valuable contributions to any organization.

Education

September 2020 – May 2025 – Computing Science & Digital Media – Atlantic Technological University Galway

Final Grade (2:1)

Applied industry-standard tools such as Unity, Visual Studio, and Blender to build interactive applications, using **C# for scripting**, **Git for version control**, and integrating third-party asset packs to streamline development. Gained practical experience in **mobile deployment**, **UI/UX design**, and **cross-platform development**, reflecting skills valued in the software and gaming industries.

Gained expertise in key computing areas, including Object-Oriented Programming, Web Development (HTML, CSS, JavaScript), Database Management (MySQL, MongoDB), and Digital Media Production, demonstrating readiness to contribute to dynamic software and multimedia projects.

Acquired a strong foundation in full-stack development and software design principles, completing multiple coursework projects involving responsive web interfaces, cloud hosting on AWS, user authentication, and game development with interactive mechanics and visual design.

September 2019 - May 2020 – Galway Technical Institute – Advanced Certificate in Software Development & Programming

Completed an Advanced Certificate in Software Development and Programming at Galway Technical Institute, gaining solid knowledge of software design principles, algorithm development, and structured programming practices.

Studied core programming languages including Java, Python, and SQL, with practical experience in building desktop and web-based applications.

Developed skills in software testing, debugging, and version control using tools such as Git, while learning best practices in software documentation and agile methodologies.

Gained experience in database design and management, object-oriented programming, and problem-solving through hands-on coding assignments and collaborative projects.

Work Experience

State Exam Invigilator

*Department of Education – balla, Co. Mayo
June 2023 – Present (Seasonal)*

Supervised state exams in a secondary school setting, ensuring fairness and compliance with regulations.

Maintained confidentiality, focus, and a calm environment for students.

Support Worker

*Western Care Association – Mayo
2023 – Present*

Provide care and support for children and vulnerable adults in residential and community settings. Promote independence, well-being, and safety in line with safeguarding and care standards.

Academic Qualifications

Upper Second-class honors (grade 1) in Computing Science and Digital Media. Advanced Certified in Software Development and Programming

Personal Merits and Awards:

Pope John Paul II Award (Voluntary Work)
Certified First Aid Responder

Leadership Roles:

Elected as prefect during my Leaving Certificate year of study.
Elected as tour guide for four consecutive years at St Louis Community School.

Key Skills:

Proficient in Python, C#, Java, and JavaScript.
Experienced in Unity, Visual Studio, and Git.
Knowledge of HTML, CSS, and responsive web design.
Database management
Understanding of object-oriented programming (OOP).
Familiar with Agile development and Scrum practices..

Volunteering / Interests and Hobbies:

Volunteer at NCBI Charity Shop, Eglinton St, Galway.
Apart of Esports org where winnings go to charity
I enjoy playing guitar and

writing music.
Keen golfer and
member of Balla
Golf Club.