

Brendan McCann

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EDUCATION

- **Trinity College Dublin** Sept. 2021 – May 2026
Masters in Computer Science M.C.S *Grade: First Class Honours*
 - Awarded the Victor W. Graham Prize for achieving the **highest mark in the 1st year Maths Summer exam.**
 - **Languages:** Java, C, Assembly, SQL.

EXPERIENCE

- **Microsoft** January – July 2025
Software Engineer Intern *Dublin, Ireland*
 - Partnered with two engineers on a feature with **high visibility from Corporate Vice Presidents**
 - Built an entry point from an External Windows app into the **Microsoft 365 Copilot App** in C++
 - Delivered under pressure, meeting a **tight deadline** while maintaining high engineering standards.
 - Migrated a **large-scale telemetry service** (~100 billion logs/day) to the Kusto platform.
- **Microsoft** June – August 2024
Software Engineer Intern *Dublin, Ireland*
 - Led the migration of a **high-throughput service** (~34 billion requests/day) from .NET6 to .NET8
 - My project was projected to **save \$520,000 over 3 years** with performance optimisations.
 - Experienced extensive **cross-team communication**, navigating complex product ownership.
 - **Technologies:** C#, .NET Core, Service Fabric.

PROJECTS

- **Film Recommendation Web App:** Full-stack project with a recommendation algorithm built entirely from scratch. **Solo project** during my studies. Developed in **Python & React JS**, with **Continuos Integration** and a data engineering pipeline in **Shell script**. [Preview](#)
- **Live Court Case Summarizer:** Collaborated in a 4-person team for the HackTrinity Weekend Hackathon. Awarded the MVP Bonus Prize (€500). **Technologies: Python, React JS.**
- **AI-Powered Multilingual Image Search:** Group project in University. **Team leader of an 11-person team.** Managed communication with our client in Shutterstock.