

Brendan McCann

Dublin, Ireland
LinkedIn

Email : brendan.mccann02@gmail.com

Mobile : +353 85 111 4619

GitHub

INTRODUCTION

Hey! I'm seeking a 2026 summer internship before starting my second Masters degree in September 2026.

EDUCATION

- **Trinity College Dublin** Sept. 2025 – May 2026
Masters in Computer Science M.C.S Grade: **TBD**
 - **Thesis:** Researching Recommender Systems. My exact area of research is TBD.
 - **Key Modules:** Distributed Systems, Internet of Things, Information Retrieval.
- **Trinity College Dublin** Sept. 2021 – May 2025
Computer Science B.A. Mod Grade: **First Class Honours**
 - Achieved the **highest mark** in the 1st year Maths Summer exam.
 - **Key Modules:** Object-Oriented Programming (Java), Data Structures & Algorithms, Operating Systems (Unix, C), Machine Learning.

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.