

Brendan McCann

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EDUCATION

- **Trinity College Dublin** Sept. 2020 – May 2026
Masters in Computer Science M.C.S *Grade: First Class Honours*
 - Awarded the Victor W Graham Prize: Given to the first year Computer Science Student who achieves the highest mark out of the whole course in the Maths Summer exam.
 - **Languages:** Java, SQL, R, C, C++, Assembly.

EXPERIENCE

- **Microsoft** Dublin, Ireland
Software Engineer Intern *June - August 2024*
 - Tasked with migrating the Grammar Service (approx. 34 billion requests/day) from .NET6 to .NET8.
 - After completion, my project was project to save \$520,000 over the next 3 years.
 - Additionally, 2 dependencies were dual-targeted (.NET6 & .NET8) along the way.
 - Experienced extensive cross-team communication, as the products I was working on were not owned by my team.
 - Assisted in the organisation of a company-wide Counter-Strike 2 gaming tournament. Additionally, I was the MC for the event.
 - **Technologies:** C#, .NET, Service Fabric, Azure DevOps.
- **Five Guys Burgers & Fries** Dublin, Ireland
Team Leader *Dec. 2021 - Jan. 2024*

A Team Leader is one step underneath a Manager. When they are not around, I was the one in charge of the kitchen.

 - Led the kitchen and delegated tasks to other crew members throughout service.
 - First point of contact for customer issues & complaints.
 - Worked 20 hours/week during University.

PROJECTS

- **Film Recommender System:** No deep learning libraries were used, as I wanted to know how they were built from the ground up. Solo project during my studies. **Technologies: Python.**
- **Live Court Case Summarizer:** Collaborated in a 4-person team for the HackTrinity Weekend Hackathon. We won the MVP Bonus Prize. **Technologies: Python Flask, React JS.**
- **AI-Powered Multilingual Image Search:** Group project in University, partnering with Shutterstock. Chosen as the Team Leader of an 11-person team. Managed 3 sub-teams simultaneously, and was the main point of contact with our client in Shutterstock and the module demonstrators. Hands-on experience with the Agile methodology.
- **Film Data Visualisation:** A Website with several graphs of my personal film ratings. Automated a weekly shell script to web scrape data from my IMDb profile. Solo project during my studies. **Technologies: JavaScript, Node JS, Shell Script, HTML, CSS.**