


# Conor McCauley

Computer Science Student

  
conormccauley1999@gmail.com

## PERSONAL DECLARATION

I am a passionate and hard-working problem solver. My employers usually come to me to solve issues that others have been unable to. I am also a quick-learner who enjoys tackling difficult or unfamiliar problems.

## EXPERIENCE

### Microsoft Ireland, Dublin — Site Reliability Engineer Intern

JUNE 2020 - SEPTEMBER 2020

- Developed an extension for Microsoft Teams that would allow internal on-call teams to configure, schedule and automate the delivery of handover reports using C# and ASP.NET.

### Ultan Technologies, Dublin — Software Developer/Database Administrator

MAY 2019 - JUNE 2020

- Worked on the development of a proprietary job importing tool in C# for our API used by many of our clients.
- Developed a dynamic tool to extract, store and visualise salient data from various providers' energy bills using Python, SQL and Tesseract OCR.

### Ultan Technologies, Dublin — Software Developer/Database Administrator

MAY 2018 - SEPTEMBER 2018

- Rewrote the SQL procedures used by the Sustainable Energy Authority of Ireland's (SEAI) Monitoring & Reporting (M&R) system for calculating renewable energy usage leading to quicker and more accurate calculations.

### Ultan Technologies, Dublin — Software Developer/Database Administrator

JUNE 2017 - SEPTEMBER 2017

- Developed a dynamic unit testing framework using Selenium and C# for the SEAI M&R system to allow their testers to easily automate mass-testing.

### Ultan Technologies, Dublin — Intern Software Developer

JUNE 2016 - SEPTEMBER 2016

- Developed a set of SQL database procedures for the SEAI M&R system to find and rectify data errors/inconsistencies.

## EDUCATION

### Trinity College Dublin — Computer Science (MSc)

SEPTEMBER 2017 - PRESENT

Junior Sophister - First Class Honours

Senior Fresh - First Class Honours

Junior Fresh - First Class Honours

## SKILLS

**Very Proficient:** Python, C#, SQL, Java, general Linux use.

**Quite Proficient:** C/C++, algorithms & data structures, PHP, HTML/CSS/JS.

**Some Proficiency:**

Mobile/game development, ethical hacking.

## PROJECTS

**Awarded Best FHL Hack at Microsoft Hackathon 2020** - Developed a prototype for a virtual sign language education application.

**DichotomyTests.com** - I developed a recreational quiz website with over 5 million page-views.

**ProjectEuler.net** - I've solved 150+ programming/math problems (top 0.4% of users).

**Kattis.com** - I've solved 300+ programming problems (top 1000 users).

**UKIEPC 2019** - Our team placed 5th in Ireland and qualified for NWERC 2019.

**Hack Trinity 2019** - I placed 8th in Ireland and 2nd in Trinity College.

## LANGUAGES

English (native), Irish (fluent)