Conor McCauley

Computer Science Student

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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 - PRESENT

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.

- Worked on the development of an 'out of the box' CRM, billing and margin analysis system for Irish electricity suppliers using C#, JavaScript and Bootstrap.

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.
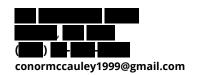
EDUCATION

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

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

ProjectEuler.net - I've solved 130+ programming/math problems (top 0.6% of users).

Kattis.com - I've solved 140+ programming problems.

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)