




Aidan Molloy

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 AidanMolloy

WORK EXPERIENCE

Google

Software Engineer II, Site Reliability Engineering

Jul 2023 - Present

Working within Google Cloud Platform SRE to improve the reliability, scalability, security and performance of large-scale file storage systems. Proven track record in incident response, automation and building resilient infrastructure.

Site Reliability Engineering 6-Month Placement

Mar - Aug 2022

Worked with Display Ads SRE for my 6-month university placement. During this placement, I developed monitoring systems, data interfaces and designed and implemented a new Configuration System to be used in production for configuring monitoring, canarying and other critical systems in a more efficient and reliable way.

SRE Intern May - Sep 2021

Returned to Display Ads SRE for a 4-month SRE Internship. During this, I created a interface for producers and consumers of data to interact, reducing system complexity across Ads services from $N \times M$ to $N + M$.

STEP Intern

Jun - Sep 2020

Worked with Display Ads SRE for a 3-month STEP (Student Training in Engineering Program) Internship. Created an accessible online testing platform to be used for online exams.

Teamwork.com

SRE/DevOps Engineer

Oct 2022 - Jul 2023

As a Site Reliability Engineer at Teamwork.com, I took full ownership of our monitoring, alerting, and observability services, implementing alert priority classifications and providing high-level visibility on service reliability. I also automated frequent tasks using Ansible, and provided other departments with access to relevant playbooks for self-service. Additionally, I collaborated with the SysOps team to improve RabbitMQ, HAProxy, AWS infrastructure, and general security, all while fulfilling on-call duties.

University College Cork

Oct 2020 - May 2021

Staff IT Services

Supported University Staff via phone and email regarding IT issues they had with services within the University.

Demonstrator

Demonstrated for labs, practical classes, 1:1 sessions for all Computer Science 1st year modules.

McDonald's

Area Manager

2018 - 2020

Responsible for Kitchen and Service areas within the store for each shift. Managed up to 10 people per shift. Ensured quality and service goals were achieved.

Software Engineering Internships

VMware

Feb - Mar 2019

CompuCal

Jun - Sep 2018

Deutsche Börse

2015 - 2016

EDUCATION

BSc (Hons), Computer Science

University College Cork

2019 - 2023

First Class Honours

Class Rank: 2nd (out of 77)

VOLUNTEERING

UCC Netsoc

Ex-Officio 2022 - 2023

Chairperson 2021 - 2022

Committee Member 2020 - 2021

First Year Rep 2019 - 2020

Other Committees

ACM Chapter 2019 - 2023

UCC DataSoc 2019 - 2021

Class Representative 2020 - 2021

IT@Cork 2020 - 2021

Formula Student 2019 - 2021

AWARDS

- Fidelity Best Final Year Project Award 2023
- CorkBIC Entrepreneurship Prize 2023
- UCC STAR Best Individual 2021/2022
- UCC Works Award 2020/2021
- UCC Works Award 2019/2020
- Clearstream Hackathon Winner 2021
- Google Hashcode 2020 Top 10%
- UKIEPC 2019 - 1st in Ireland
- Irish Programming Team 2017
- Olympiad in Informatics Iran 2017
- IRLCPC 2017 - 2nd in Ireland
- AIPO National Finals 2017
- F1 in Schools 2016 - 3 National Awards
- Eircom Junior Spiders 2015 - 3 Shortlisted Awards
- Irelands Best Young Entrepreneur 2014
- Cisco Transatlantic Challenge 2014
- Coolest Project Awards 2012 & 2013