Thomas Daniel Galligan

Computer Science Student @UCC

- Ireland
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- Website
- Gitea
- GitHub
- LinkedIn

PROFESSIONAL EXPERIENCE

IBM, Software Engineer Intern ⌁

2022/03 – present | Cork, Ireland

Software Engineer

- Software Engineer on QRadar SOAR - a security incident response webapp with an automation platform built-in.
- Fixed frontend bugs in playbook designer.
- Fixed backend bugs causing SQL DB deadlocks.
- Fixed notification settings on frontend.

DevOps Engineer

- Migrated from a paid subscription to Ansible Tower to a free, open-source alternative, effectively saving the team ~€5,000/year.
- Ran AWX instances for staging, production and development environments on a single-node k3s server.
- Automated deployment of AWX with ansible.

ORGANISATIONS

UCC Netsoc, Chairperson ⌁

2022/06 – present | Cork, Ireland

- Chairperson is the official representative of the society, and is official society spokesperson at all times.
- Responsible for overall running of society and maintaining membership and the society's good reputation.
- Responsible for all society events and to chair all committee meetings.

UCC Netsoc, SysAdmin ⌁

2019/10 – 2022/06 | Cork, Ireland

- Took part in interviewing SysAdmin applicants for 4 years (1 of which as Chairperson) and training them in learning various technologies required for the role (Docker, ansible, linux etc.)
- Still ongoing - writing documents to help incoming SysAdmins learn the tech stack, and learn about our infrastructure - **https://handbook.netsoc.co** ⌁ .
- Gave a talk about the Go programming language at a society event on behalf of the SysAdmin team.
- Gave a python mentorship which had over 22 attendees, and went from basic types to looking at bugs in the Python language at the time (most have been fixed since).

IBM Cork Coderdojo, Senior mentor

2017/03 – present | Cork, Ireland

Taught Python, HTML, CSS & JavaScript

PROJECTS

College Project - Timber

2021/09 – 2021/12

Git Repo ⌁ Demo ⌁

Tech Stack

- backend written in Go
- session cache with Redis
- frontend written in Typescript, using React with NextJS

College Project - SREC Website

2022/01 – 2022/03

Git Repo ⌁ Demo ⌁ Documentation ⌁

Tech Stack

- backend written in Typescript, using ExpressJS
- frontend written in Typescript, with React & NextJS, using the Carbon Component System.

SKILLS

Programming Languages

Python	*[7 years]*	*Typescript*	*[4 years]*
Golang	*[5 years]*	*SQL*	*[3 years]*
Javascript	*[6 years]*	*C/C++*	*[2 years]*

Frameworks/Technologies

Ansible, Docker, React, Vue, NextJS

Soft skills

Leadership - Chaiperson of Netsoc
Teamwork - SysAdmin at Netsoc