




ROWAN CLARK


System Administrator

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 Matt-Clark

WHO AM I?

I am a Computer Science student at the University of Hull with an interest in Linux System Administration. I enjoy working alongside others and am happy to help them with problems or concerns they may have. I like exploring various solutions to a problem to determine which would work better for the given situation.

EXPERIENCE AND VOLUNTEERING

- | | | |
|----------------|---|--|
| 2022 – Present | Bar Staff
Bar Staff at HUSU Wetherspoons | Hull University Students Union |
| 2022 – Present | Web Developer
As Webmaster at HullCSS it is my responsibility to: <ul style="list-style-type: none">- keep the website up to date with events and details- manage the HullCSS GitHub organisation- teach Git to society members- advise on security and contribution policies for the society. | Hull Computer Science Society |
| 2022 – Present | Linux System Administrator
As an admin at Freeside - the student run Linux user group - at the University of Hull I have had the opportunity to contribute to some of their projects like the Student Resource List as well as getting involved with system administration. Services managed include (all of which run Fedora Server or Fedora Workstation): <ul style="list-style-type: none">- two docker servers- a FreeIPA server for user management- a web server for hosting Freeside's websites and exposing services to the university's network- a storage server for members' home directories- a handful of desktops in our lab | Freeside |
| 2021 – 2022 | Computer Science Course Representative
As a course rep for Computer Science, part of my role involves liaising with students and university staff about the quality of the course. From this I have expanded my communication skills. | Hull University Students' Union |

EDUCATION

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|----------------|--|---------------------------|
| 2021 – Present | Bachelor's Degree
Currently in my second year of Computer Science. Modules include:
First Year: <ul style="list-style-type: none">- Algorithms and Data Structures- Programming Portfolio- Computational Thinking- Professional Development- Architectures, Operating Systems and the Cloud Second Year: <ul style="list-style-type: none">- Databases and Networks- Design Develop Deploy- Artificial Intelligence | University of Hull |
| 2019 – 2021 | A-Levels
Studied Computer Science (C), Sociology (A) and Psychology (C) | York College |
| 2014 – 2019 | GCSE's
Computer Science – 7
English Language, Physics, Chemistry, Maths – 6
Biology, History, French – 5
English Literature – 3 | York High School |

PROJECTS

I spend a lot of my free time coding and working on server admin, below is a list of some projects I have worked on / am working on.

2022 – Present	VPS - Docker server Managing a VPS which runs services for my website. These include: <ul style="list-style-type: none">- Gitea for Git backups- 11ty container that hosts my blog- LittleLink (open source self hosted linktree) for links.crimsonstome.com- nginx proxy manager - for proxying containers to my domain- Ouroboros for automated container updating- Glances and New Relic for system monitoring	Personal
2021 – Present	System migration repository A repository containing an experimental bash script for migrating packages and git repos from one machine to another	Personal
2021 – Present	Virtual machine server Maintaining a Proxmox Virtual Environment server. VMs include: <ul style="list-style-type: none">- unifi controller- gitea- TrueNAS- OPNsense	Personal
2021 – Present	Blog site Developing a personal blog to document what I get up to. Created using Eleventy and hosted on my Docker server	Personal
2021 – Present	Student Resource List Contributing to Freeside's Student Resource List, a collection of computer science related resources created by staff and students at the university of hull	Freeside
2021 – 2021	Web Scraper A basic image scraper written in Python using Requests and BeautifulSoup to fetch images from a given site	Personal
2020 – 2021	Sorting and Searching algorithm visualiser A-level Computer Science project written in C# as a Windows Forms Application. Sorts included are Bubble sort, Insertion sort, Merge sort and Quick sort. Searches included are Linear search and Binary search	York College A-Level coursework