

Sam Milton

Profile

I am currently an A Level student studying Computer Science, Mathematics and Physics. I am aiming to become an apprentice to study network engineering and IT. I am a hard-working individual who strives to better myself and learn new things at every opportunity. Presently, I'm working as a freelance web developer and have learned a lot about the process of developing and deploying web/IT solutions for businesses. Within my free time I love to learn about networking and the processes of setting up and configuring networks. I have spent a considerable amount of time using Windows Server and its features such as Active Directory or its DHCP or DNS servers. This allows me to gain knowledge above and beyond that which is taught within my A Level's specification.

Past and Current Work

Pinntec Limited

I worked at Pinntec during the summer holiday between year 12 and 13 for 5 weeks. During this time, I assisted in the development of several new products for clients. This included designing and prototyping new components for the products; diagnosing and repairing hardware and software issues; setting up and updating various computers and creating documentation for new solutions. This has allowed me to gain more knowledge in the IT sector and experience in working with various large businesses and organisations to create IT solutions and products from the ground up.

Self Employment - Web Development and IT Solutions

I am currently self employed offering services to create and setup IT solutions and websites/web applications. This has allowed me to develop my technical skills as well as my time management, communication and problem solving skills.

Work Experience

The Winstanley School

During the summer holiday between year 12 and 13, I spent a week working in The Winstanley School in the IT department. I carried out many tasks during my time there. Some of the tasks I carried out were the following: Installing SSDs into PCs around the school, removing older computers from the English department and disconnecting patches from the switch to ensure the network is kept secure and running new cable to connect computers in a new office.

Sam Milton

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Upstage Supplies LTD

During the month of March 2017, I completed a week's work experience at Upstage Supplies LTD. Upstage Supplies LTD is a lighting, sound and stage hiring company in Wigston, Leicestershire. Throughout the week I completed many tasks such as tidying and organising stock and preparing and loading vans with the required equipment for jobs.

Extra Curricular

Whilst I was a student at The Winstanley School, I was a member of the student council and was a prefect during year 11.

Throughout my 2 years at Bosworth Academy, I have taken part in many extra curricular activities and clubs. I am part of a club within the academy called Digital Leaders. The Digital Leaders suggests improvements and implement new technology into the academy. As a part of the group I am leading a computer science primary day where we are allowing primary school students to get hands on with technology.

Furthermore, I am currently a Senior House Captain in the academy. As part of this position, I am a role model for younger students and encourage positivity and support students in need. Finally, I am part of a collection of LGBTQ+ and allies called pride club. We work to improve LGBTQ+ students' experience within the academy.

Hobbies

Outside of school, I have many hobbies. Firstly, I am the Technical Director for Blaby Drama Group. I setup the sound and lighting equipment and operate these during the performances. I also spend time learning about various networking software and hardware such as Windows Server, pfSense or Raspberry Pi. This gives me an experience of hardware and software used within the industry to help broaden my knowledge. I feel self-learning is a key part of expanding your knowledge and understanding.

Portfolio and Contact

My previous freelance work can be found on my portfolio site which is available at <https://sammilton.me>.

Email: contact@sammilton.me

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Qualifications

Qualification Type	Subject/Name	Grade Awarded	Earned When
GCSE	Mathematics	8	August 2018
GCSE	English Literature	5	August 2018
GCSE	English Language	4	August 2018
GCSE	Physics	7	August 2018
GCSE	Chemistry	7	August 2018
GCSE	Biology	7	August 2018
GCSE	Computer Science	7	August 2018
GCSE	Media	B	August 2018
½ Certificate	Further Mathematics	C	August 2018
GCSE	Statistics	A	August 2018
AS Level	Mathematics	A	August 2019
AS Level	Computer Science	C	August 2019
AS Level	Physics	C	August 2019
A Level	Mathematics	A*	Predicted
A Level	Computer Science	A/B	Predicted
A Level	Physics	B	Predicted

Skills/Experience

PHP/Laravel	HTML/CSS/JavaScript	NodeJS
MySQL/MongoDB	Tailwind CSS/Bulma	Nginx/Apache
React	Linux Server Deployment	CDN Deployment
Windows Server	Windows DNS/DHCP	Active Directory