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| Samuel Houghton  Derwent Lodge, Low Catton, YO41 1EA, United Kingdom· 07863 474275  Samueljhoughton@gmail.com www.houghton.co |
| A British professional Computer Science graduate, who recently returned from a 2-year IT role in Ottawa, Canada. Operated in a small professional services networking team supporting, implementing and designing large scale networking systems. Returned to the UK to seek a role in IT solutions and architecture; leveraging my University degree and my industry work to accomplish my ambitions. I have operated and developed within agile delivery models and have strong networking skills. Whilst at University, I gained wider skills including C++, Java, Autonomous Robotics, Parallel Computing and Software Engineering. I completed University with a final project, developing and researching a Chrome Extension application for Dyslexic users. In my free time, I develop professional websites for small businesses and friends. |

# Experience

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| July 2019 – November 2020Network Administator, Revolution Networks Graduated from Lincoln University in 2019 with a 2:1 (Hons) Computer Science degree and moved to Ottawa, Canada. Secured an IT team role in the networking industry, helping major clients such as Porsche, Audi, and other major companies in the Ottawa area to develop, design, and maintain their networks. As part of a small team of five, I gained broad and deep experience with clients, network architecture and helped customers navigate through an unprecedented year. Within the role, I dealt with significant cyber-security attacks, implementation and support of critical customer networks and ensuring the company was presented professionally and with excellence. This job gave me invaluable confidence, depth and experience in my first professional role. I was the lead designer and manager of the entire backup solutions, both onsite and offsite for over a petabyte of data. Web Internship, Aviva Insurance Company An exciting experience to learn and understand how a global organisation develops Web applications through the design phase to the end release phase of the product. I developed my own website with a lead designer and web developer to provide valuable experience. I operated as part of a scrum team and learned more valuable experience on continuous integration and development models. WEB DEVELOPMENT, SELF Web development is my passion and chosen career opportunity. Over the years I have worked on developing different websites and helping complete several different websites. Further, I have developed through University a website aide tool for Dyslexic users. This Chrome extension was built using a combination of JavaScript and HTML. It helped develop a strong interest in UI/UX as the extension affected websites UI by changing layout of text and colours depending on the user’s preferences. Along with this, developing websites for friends and family has allowed me to experience first hand development for small businesses and help promote the websites through Google Analytics and SEO practices. |
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# Education

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| July 20202:1 BSc (HONS) in computer science, university of lincoln, uk 24 Modules passed at University including:   * Object-Oriented Programming – Using languages such as C#, C++ * Website Development – Front-end HTML5/CSS and back-end languages such as PHP/SQL, JavaScript * Group project – Developing an Augmented Reality Application for the city of Lincoln Cathedral * Robotics and AI – Developing self-thinking robots to clean and created an AI to identify objects in video feedback * Final Year Dissertation on a chrome extension project in JavaScript, to help users with Dyslexia when reading online. This was done with a research paper with a positive outcome for Dyslexic users. |
| JULY 2018AS Level, BTEC and FAM Qualification, YOrk COllege  * BTEC qualification in Software Development at Grade Distinction\* Distinction\* Distinction\*, Learning PASCAL programming, web development, software development and different methodologies. * Foundation of Advanced Mathematics qualification at Grade A   12 GCSEs gained at Pocklington School, York. Previous to that Central School, Glencoe, USA. |

# Skills

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| * Experience in VMWare and server implementations * Strong Object-Oriented Programming * Source Control through GitHub * Ambitious * Networking architecture and design * Agile and procedural implementation teams | * Understand the importance of Teamwork * Experience in management in high stress situations * Wants to learn and help make a successful company – also aim to grow with the team. * Backup solutions * Active directory, VEEAM, Datto, Linux, and much more. |

# Activities

# I have taken part in different volunteering to gain more experience. Some of the volunteering takes place at the university of Lincoln and at York college where I helped in doing tours of the campus and explaining to potential students about the different campuses. I have also volunteered for different master research studies to help and aid research projects in their progress. This includes projects on robotics and the study of psychology when people play video games.

# My hobbies include a passionate interest in Formula 1, playing football and Gaming. In my teens, I lived with my family in Chicago, USA for four years and travelled extensively.

# References for my previous employers can be given at any point.