
Emmanuel Rufasha

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Profile

I have just finished my 1st year of my Bachelor's degree in Computer Science here at Teesside University.

I am a passionate learner, who thrives in a team environment while also being able to work independently. I would further describe myself as a life-long learner and a proactive programmer with a can-do attitude. As someone who has had experience working on freelance projects in the past, I consider myself to be a highly organised individual with a strict adherence to deadlines.

During my studies in the last year of studying for my Bachelor's Degree in Computer Science, I realised that I have a passion for, and want to pursue Software Engineering. I know that an apprenticeship is the best opportunity for me to further develop my skills and gain valuable real world experience whilst delivering value to your company at the same time.

I sought out an internship for the Easter Break in 2017 which lasted two weeks. This gave me a taste of real world Software Development and working to business requirements and deadlines.

Skills & Abilities

- Experienced and competent in the use of JavaScript, C#, HTML5 and CSS3 programming languages
- Experienced in the use of Waterfall and Agile development models
- Experienced working with other developers
- Experienced and mindful of working to deliver work to strict deadlines
- Able to work independently and self sufficiently
- Highly effective interpersonal communicator and able to communicate effectively across a range of platforms and media
- Highly organized and able to work under high amounts of pressure for extended periods of time
- Was elected as a prefect in high school

Professional Experience

Manchester Jr Hackerthon, (Half Term Break)

July

2018

- Took part in the Manchester Junior Hackathon, a hacking and programming competition
- Worked collaboratively with 3 other classmates
- We were given 6 hours to create a technological solution that could help someone with dementia
- We attempted to develop an application that recognise all four of our voices and print our name on the screen
- Applied our studied knowledge to real world problems
- Were put under strict deadlines to create innovative solutions

Internship at Amaze Digital Technologies (Easter Break)

April 2017

Intern:

- Was asked to create a tic-tac-toe game with many different functionalities
- Included a JavaScript Library called Socket.io to allow players to play from two different and remote locations
- Used same software to develop and install a remote chat feature
- Troubleshooted and solved problems as they arose
- Learnt a lot about software development
- Developed my ability to learn at speed
- Gave me real life experience of software development

Education & Qualifications

Teesside University, 2021 – Present

Bachelor's Degree in Computer Science (1st Year)

Modules covered:

- Algorithms and Data Structures
- Systems Design and Databases
- Java Programming
- Computational Problem Solving
- Networks and Security
- Java Application Development

The Manchester College, 2016 – 2018

BTEC Level 3 National Extended Diploma

Grade: DMM (Distinction Merit Merit)

- Software Design and Development: Learnt to use and apply both Waterfall and Agile Development model
- Object Oriented Programming: Learnt using the C# programming language
- IT Systems Security and Encryption: Cryptography, I used the JavaScript and C# programming languages to develop two separate Caesar cipher encryption programmes
- Systems Analysis and Design: Worked with other developers and learnt how to analyse, model and design a working business system by using the appropriate programming languages and methods

- Website Development: Used HTML5, CSS3 and JavaScript to create responsive websites

Derby High School, 2014 – 2016

GCSE's: 9 subjects A-C including ICT (A), Maths (A), English Language & Literature (B), Biology (B)
