Salman Ashraf

salman.ashraf2513@gmail.com | ashrafsalman.com | linkedIn/salman-ashraf2513/ | github/SalmanAsh

EDUCATION

BSc. Computer Science With Industrial Experience   Manchester, England | Sep 2021 - Present
UNIVERSITY OF MANCHESTER
Main modules: Python, Java, Web Development, Data Science, Haskell, Software Engineering, Machine Learning, Cyber Security,

PROFESSIONAL WORK EXPERIENCE

MANCHESTER COLLEGE | PEER MENTORING FOR MATHEMATICS AND PHYSICS   Manchester | Feb 2021

- Designed to provide support to the young people and communities, and develop skills in **science and engineering modules**, while providing methods to enable the individuals to review their progress against their original aims.
- As a mentor, I was able to establish an honest and respectful relationship with my students and provide support, guidance, and feedback to obtain desired outcomes.
- As an outcome, my students were able to benefit from the knowledge provided. The improvements were significant in the their final assessments and coursework.

TESCO EXTRA | CUSTOMER SERVICE ASSISTANT   Gorton, Manchester | Jan 2021 - Present

- A food retail company that looks after the well-being of the customers and staff members. Super flexibly for colleagues to fit their work around their University commitments.
- My main responsibilities were to address customers'inquiries and concerns. Time management is the key at Tesco because I had to maintain knowledge of products while keeping track of promotions and providing excellent customer service.

TECHNICAL EXPERIENCE & PROJECTS

FY TEAM PROJECT ⬈   LATEX, HTML, CSS, BOOTSTRAP, LINUX
The aim was to create a website that will be useful for new and prospective Computer Science Foundation Year students who are new in the city. The website was built by a team of five people and it formed the basis of our report and presentation.

MY PERSONAL WEBSITE ⬈   BOOTSTRAP ,HTML, CSS, JAVA SCRIPT, PHP
The purpose of this website is to provide information about myself. There is information on my education, professional/technical experience and projects. You can also get in touch with me using the contact form or follow me on social media.

SOLVING ANY LABYRINTHS ALGORITHM ⬈   PSEUDOCODE, ALGORITHM ANALYSIS/COMPLEXITY, PYTHON
An algorithms that solves any 2-D or 3-D (we can go up and down ladders to different levels) mazes or labyrinths. The solution was referenced to this image but it would work for any maze.

KIDNEY DONATION ALGORITHM ⬈   PSEUDOCODE, ALGORITHM ANALYSIS/COMPLEXITY, PYTHON
An algorithm that finds compatible pairs for paired kidney donations. The algorithms works on 2-way or 3-way match. The information about different types of matches was taken from the NHS website.

INFORMAL COMPLEXITY OF A PROGRAM ⬈   PSEUDOCODE, ALGORITHM ANALYSIS/COMPLEXITY, PYTHON
Running and analysing algorithms for several different inputs and determining the outputs. Calculations of the running time, complexity, and steps taken by the program to generate an outcome.

SKILLS

Languages/Web Development: Python, PHP, Bash, JavaScript, HTML/CSS, Git, LATEX, Terminal,
Spoken Languages: English, Italian, Urdu, Hindi, Punjabi
Other Interests: Fooball, Cricket, Snooker, Driving, Music, Movies