Sulaiman hafiz

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| personal profile |  |
| I am a graduate BSc Computer Science student with a passion for software development. I have developed multiple e-commerce web applications, added my individual projects to GitHub and freelance as a web developer. Alongside freelancing, currently working part-time as a teacher in multiple GCSE subjects and am looking for a full-time role as a software engineer. |  |
| Education |  |
| BSc Computer Science  Grade: 2:1  Aston University | September 2021 - July 2024 |
| * Modules studied include: Internet Applications and Database Design (86%) ,Multi-agent systems (64%), Object-Oriented Programming (75%), Image and Video Processing (72%), Mathematics for Computing Professionals (78%) |  |
| software projects |  |
| PeriPeriTech E-commerce website (Group project – private repository, available upon request) |  |
| * Using the Spring framework with Thymeleaf we developed an e-commerce application that allows guest users to browse the site, signed-in users to additionally ‘purchase’ products and for admin users to modify stock levels, view and process orders, and add new products into the shop. * Developed the registration and login system using the Spring security framework and configured the database to allow separate admin and user privileges. * Developed the front-end for the admin-side pages and the landing page with Bootstrap and Vanilla CSS |  |
| TabADTool (Link: <https://github.com/SherlockX9/TabADTool>) |  |
| * Windows program developed with C# and WPF. Users can write, export, import and save attack and attack-defence trees, add cost heuristics to nodes and perform cost-analysis * Key algorithms implemented include a custom text-to-tree parsing algorithm, which takes in tab-delimited text with various parameters, and a depth-first search algorithm to find the costs of different paths |  |
| CV website (Link: <https://suls.dev/> ) |  |
| * Leveraged Tailwind CSS and JavaScript for front-end styling and animation * Implemented a mobile-first design ensuring it’s responsive to smaller screen sizes |  |
| Experience |  |
| Part-time GCSE Teacher  Blenducate: <https://blenducate.co.uk/> | Jan 2024 – June 2024 |
| * Taught students ranging from Year 7 to Year 11 GCSE Mathematics and triple science. Keep sessions enganging through usage of quizzes, competitions, videos and practical elements. |  |
| A-level Mathematics Mentor  Aston University   * Worked as an A-level Mathematics teacher under the Pathway to the Professions initiative at Aston University. Lead the sessions, prepared the content, explained difficult concepts and resolved issues students had. | Nov 2022 – Nov 2023 |
| Volunteer Teaching Assistant  CodeYourFuture: <https://codeyourfuture.io/>   * Educated and supported people from disadvantaged backgrounds - refugees and asylum seekers - on becoming full-stack web developers, by teaching them web technologies including HTML, CSS and JavaScript | June 2022 – Oct 2022 | |
| Skills  * Communication * Teamwork * Critical thinking * Problem Solving * Front-end: HTML, CSS (Vanilla, Bootstrap, Tailwind), JavaScript * Full-stack frameworks: Spring, Laravel * Programming Languages: Java, Python, PHP, JavaScript * Version control: Git, GitHub, GitLab * MVC development framework experience * Other technologies: SQL, Xampp  Achievements and awards  * Received the Silver Industrial Cadets Award for completing work experience with Tata Consultancy Services – this involved producing a prototype mobile application and producing a video demo showcasing it to company staff * Selected as a Student Ambassador for my university * Certificate for completing ‘The fundamentals of digital Marketing’ 3-month course and final exam by Google * Certificate for completing ‘Microsoft Azure AI Fundamentals’ pathway and exam  Activities and Interests  * I love reading crime and mystery thrillers, and I like to catch up on the latest news in the smartphone and automotive industry. I also play badminton and football regularly and enjoy table tennis.  References Available upon request |  | |
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