Dimasha Fernando

Sheffield, UK | dimashafern@gmail.com | +44 73 4201 6363 | dimashaf.com

Education

UNIVERSITY OF SHEFFIELD (UoS)   Sheffield, UK

MCOMP - Artificial Intelligence and Computer Science with Year in Industry (Predicted 1st)

Relevant Courses: Java Programming, Web and Internet Technologies, Systems Design and Security, Software Hut, Software Development for Mobile Devices, The Intelligent Web

THE BRITISH SCHOOL IN COLOMBO *(Jul 2020 - 2008)*   Colombo, SL

Cambridge A - Levels: A* (Computer Science), A (Mathematics) B(Chemistry) B(Physics)

Cambridge IGCSE: 8 A* - C, with an A* in Computer Science and Maths and, a B in English.

Member of the Prefect Cohort, House Captain - Shakespeare House, Secretary of the Computer Science Club

Relevant Technical Experience

3rd Year Dissertation Project   *(Sep 2023 - Jun 2024)*

- Conducted in-depth research into the current state-of-art statistical phrase-based translation
- Developed a toy Android application using Java to test the validity of the source and translated test cases
- Developed a multi-tiered translation algorithm in Python that boasts a 100% translation rate.

MusicGuru   *(Feb 2024 - Jun 2024)*

- Worked as a key member of an eight-person team
- Conducted regular meetings with our client to identify key requirements for the application
- Developed a web-based music practice application using Ruby on Rails, HAML, and PostgreSQL
- Spearheaded the development of the front-end, which included designing mockups and implementing user interfaces, while keeping in mind the wide age range of the target user.

Botanify   *(Feb 2024 - Jun 2024)*

- Served as an integral member of a four-person team.
- Developed a progressive web application centred around a plant-identifying social media using Node.js and MongoDB.
- Was tasked with developing a unique and consistent user interface while prioritising user experience.

Relevant Work Experience

DEPARTMENT OF COMPUTER SCIENCE - Undergraduate Demonstrator *(Sep 2023 - Current)*
- Provided essential guidance and support to help students better understand software engineering concepts and principles, and in learning the Ruby programming language
- Collaborated with the Teaching Assistant and other Undergraduate Demonstrators to ensure that every student receives the highest quality support and assistance
- Created a positive, motivating, and productive learning environment for students

FEMSTAR HOLDINGS (PVT) LTD - Web Development Intern *(Jun 2023 - Sep 2023)*
- Built and deployed a mobile-responsive website using HTML5, CSS3, and JavaScript.
- Collaborated and coordinated with an external organisation on an upcoming project
- Researched and drafted a plan to consolidate all holding and subsidiary companies' digital resources onto one server.

UNIVERSITY OF SHEFFIELD MANAGEMENT SCHOOL - IT Assistant *(Sep 2022 - Dec 2022)*
- Set up and installed new machines in the office spaces.
- Re-imaged new machines with the University's image. Troubleshot and resolved various software and network issues.
- Removed data and machines per the University's disposal system.

Extra-Curriculars and Hobbies

SOCIETIES COMMITTEE - Chair *(Sep 2021 - Jun 2022)*
- Led a committee that supports all 300 student groups at the University of Sheffield and managed a budget of £32,500 to facilitate the work of these student groups.
- Chaired all meetings and delegated work equally among committee members, while also supervising and helping members with their tasks when needed. Oversaw and executed two major events at the start and end of the year.

SRI LANKAN SOCIETY - President *(Sep 2021 - Jun 2022)*
- Led a committee to organise events that celebrated Sri Lankan culture and created a welcoming and safe space for all Sri Lankans attending the University of Sheffield and Sheffield Hallam University.

OTHER EXTRA-CURRICULAR ACTIVITIES: Basketball, Cricket, Karate