



Safwan Saffeeq, B.Eng, M.Eng (China)

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Personal Summary:

A result-driven, self-motivated, and resourceful Mechanical Engineer from Sri Lanka, qualified from one of the top ten universities in China - **Huazhong University of Science and Technology, (HUST), Wuhan**. Possesses excellent foresight and the ability to plan, assess, and identify problems and find innovative solutions. Currently in Sri Lanka after an employment stint in Qatar looking for a better opportunity to prove my skills and potential.

Employment and Experience	<p>April 2022 - March 2024 – Present: TBT Trading and Contracting, Doha, Qatar</p> <p>AutoCAD Draftsman (Project: Ras Laffan Petrochemical Project Ethylene & Polyethylene Plant)</p> <p>Responsibilities</p> <ul style="list-style-type: none"> • Preparing drawings for the below disciplines: <ol style="list-style-type: none"> a. Civil, Architectural and Structural b. Mechanical c. Electrical • Submitting the Manager / Project Engineers the assigned drawings for approval daily. • Checking the site for the actual site condition for compatibility. • Attending daily toolbox meetings of the Construction Department to discuss the daily work and safety matters. • Using AutoCAD system to prepare engineering blueprints. • Measuring field dimensions at construction site visits. • Handling both large- and small-scale drafting projects. • Developing efficient designs in collaboration with CAD operators. <p>NOTE: In addition, I have a natural flair for robotics, especially testing robotic components, Computer Games and Programming, Video editing and Photography.</p> <p>September 2020 – March 2021: Brandix Lanka Limited, Colombo, Sri Lanka Junior Mechanical Engineer (Intern)</p> <ul style="list-style-type: none"> • Led a small maintenance team. • Reviewed the industrial machines readings and took decisions accordingly. • Made small emergency designs. • Used computer-aided design to create technical plans. • Applied mathematical and materials science principles to design and modify equipment. • Surveyed systems and machines. • Produced technical documents. • Presented data to managers and clients. • Liaised with suppliers.
Education	<p>September 2020 – June 2022 M.Eng Mechanical Design, Manufacturing and Automation Huazhong University of Science and Technology, Wuhan, China Thesis – Lattice Infill Design of Hooks and Experimental Performance Validation Weighted average score: 83.67%</p> <p>September 2016-June 2022 B.Eng (Hons) Mechanical Design, Manufacturing and Automation Huazhong University of Science and Technology, Wuhan, China Thesis – Design of Magnetic Flux Leakage Testing Device for Wire Rope GPA – 3.04 (85% Percentile)</p>

	<p>XAMKS Open University's Introduction to Video Games Creation Course Online Completed 25 ECTS</p> <p>Training Program (IKCEST-90th) –International Knowledge Centre for Engineering Science and Technology Under the Auspices of UNESCO (Apr 2021)</p> <p>International Computer Driving License (Nov 2012)</p>
<p>University Internships and Training</p>	<p>Huazhong University of Science and Technology(HUST), Wuhan, China</p> <p>First Internship: June 2018 – August 2018</p> <ul style="list-style-type: none"> • Acquired hands-on experience in various machining processes. • Gained proficiency in casting, heat treatment, forge and press, electric spark, benchwork, assembly, turning, 3Dprinting, milling, NC turning, and laser machining. <p>Second Internship: 2019</p> <ul style="list-style-type: none"> • Designed gearboxes and several components, such as ball bearings, output and input shafts, and keys. • Created engineering drawings and documentation. • Managed customer requirements and cost estimation for the design process. <p>Rover design project (Teamwork) 2018 secondsemester</p> <ul style="list-style-type: none"> • Designed a wireless-controlled rover for transportation purposes. • Utilized project planning tools such as tree diagrams and functional tree analysis. • Conducted kinematic design, force analysis, 2D/3Ddesign, assembly, and testing.
<p>Key Skills and Competencies</p>	<ul style="list-style-type: none"> • Excellent problem-solving skills • Good financial and numeracy management skills • Excellent communication and negotiating skills. • Negotiation and teamwork skills • Ability to motivate and lead people on the sites. • Ability to absorb complex information and assess requirements readily. • Developments in Technology • Badminton Player to a Professional Level • Photography, Videography (Amateur Level)
<p>Hobbies and Interests</p>	<ul style="list-style-type: none"> • Developments in Technology • Creating Games, Models and Animations • Badminton Player to a Professional Level • Photography, Videography (Amateur Level)
<p>Computer Literacy</p>	<ul style="list-style-type: none"> ▪ MS Office (Excel, Word, PowerPoint) – Highly Proficient ▪ AutoCAD (All versions) – Highly Proficient ▪ SolidWork (All versions) – Highly Proficient ▪ Unity (Game Engine) – Basic ▪ C# Programming – Basic ▪ Blender – Basic ▪ ANSYS 19.0 (Structural Analysis only) ▪ Creo Parametric 4.0 (Basic and Lattices models) ▪ Confident user of English – Spoken and written.
<p>Personal Details:</p>	<ul style="list-style-type: none"> ▪ Passport No: N6747326 (Sri Lanka) ▪ Date of Expiry: 14 July 2026 ▪ Date of Birth: 14 April 1998