November 8, 2023

To Whomsoever It May Concern

Daa Systems is pleased to certify the successful completion of the Daa Forge Internship Program by **Mr. Syed Qasim Hussain Zaidi**, a dedicated and motivated individual. This 8-week program, from 7th August 2023, aimed to enhance skills and knowledge in Computer-Aided Engineering (FEA) with a focus on MATLAB and JavaScript.

Syed Qasim Hussain Zaidi exhibited exceptional enthusiasm and dedication, mastering various aspects of FEA, mesh generation, shape functions, global stiffness matrices, solution techniques, and post-processing methods. Their performance and dedication truly set them apart.

Key Learning Highlights:
- **FEA Fundamentals (C8)**: Syed Qasim Hussain Zaidi displayed a solid understanding of FEA concepts, including theoretical foundations and practical applications.
- **MATLAB Proficiency (C6)**: Syed Qasim Hussain Zaidi demonstrated commendable skills in MATLAB programming, particularly in mesh generation, shape function implementation, assembly of global stiffness matrices, and post-processing analysis.
- **JavaScript Expertise (C3)**: Syed Qasim Hussain Zaidi successfully transitioned their knowledge to JavaScript, showcasing their ability to adapt and excel in different programming languages. They effectively translated MATLAB FEA code to JavaScript and optimized the FEA solver for efficient performance.
- **Problem-Solving Abilities**: Syed Qasim Hussain Zaidi showcased excellent problem-solving skills by tackling complex engineering challenges and providing innovative solutions.

We are delighted to acknowledge Qasim's active participation, commitment, and significant achievements during their tenure with us.

Warm Regards,
Muhammad Usman Shah
CRO, Daa Systems