

Sultan Khalid Bamogaddam

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Executive Summary

I am a graduate student in Mechanical Engineering (Aeronautical) with a passion to develop my knowledge in various aspects on both mechanical and aviation industry. My train program in Prince Sultan Aviation Academy increased my sight in theoretical side. I aim to contribute to innovative on both mechanical machines and aerospace projects and thrive in collaborative environments, adapting at multi-tasking, leading group discussions and managing projects.

Education

Bachelor's in Mechanical Engineering (Aeronautical)

Sep 2018 – Aug 2024

King Abdul-Aziz University - Jeddah, Mecca Region

Experience

Trainee at Saudia Academy, Jeddah

Jul 2024 – Sep 2024

- Participated in various courses to enhance the understanding of aerospace engineering through practical applications
- The training program included (TCP Company Orientation, TCP Safety Awareness, Simulator Networking, Simulation Architecture, Introduction of Project Management, TCP General Interface, Visual System & Backup Process, TCP Introduction to Flight Simulator, TCP Technical Safety, Human Factor Awareness, Hazard Materials SDS & TDS Awareness, Aircraft General Familiarization, Accountability at Workplace, Marketing Strategies).

Projects

Modeling and Simulating Subsonic Wind Tunnel

- Designing a wind tunnel using SolidWorks and providing a detailed report of the components Included to run the wind tunnel. **(King Abdul- Aziz University)**

Redesign of water to air UAV

- Improving previous drone that is capable of transition from undersea to sky. Increasing UAV size to provide better equipment and replace the materials with light-weighted ones with similar efficiency. **(King Abdul- Aziz University)**

Technical and Soft Skills

- Time management
- Effective collaboration in team tasks
- Adaptability of new technologies
- Microsoft office (Word and Excel)

Language Skills

- **Arabic:** Native
- **English:** Upper Intermediate