

TALHA SAMI

Flat no.402, Shah Arcade, Shalimar Road, Block E, Soan Gardens, Islamabad ·
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A goal-oriented, motivated, hardworking Avionics Engineer with excellent technical, nontechnical, analytical and communication skills demonstrating a blend of both engineering and management. Always on the lookout for new possibilities to expand my knowledge and excel in a world full of opportunities.

EXPERIENCE

Sep 2021- Jul 2022	<i>Design and Simulate Alternate Positioning and Navigation Timing System (APNT) for Aircraft</i> As Final Year Project - at Institute of Space Technology Islamabad, Pakistan
Mar 2022	<i>Avionics systems upgrade of ATR 42-500 using Simulink</i> As Semester Project - at Institute of Space Technology Islamabad, Pakistan
April 2022	<i>Enhanced Ground Proximity Warning System (EGPWS)</i> As Semester Project - at Institute of Space Technology Islamabad, Pakistan
Jun 2021	<i>Design of Isotropic Antenna using NEC software</i> As Semester Project - at Institute of Space Technology Islamabad, Pakistan
Dec 2018	<i>Design and making of Glider from Plywood</i> As Semester Project - at Institute of Space Technology Islamabad, Pakistan

EDUCATION

2018-2022
BE AVIONICS ENGINEERING, INSTITUTE OF SPACE
TECHNOLOGY, ISLAMABAD

2016-2018

INTERMEDIATE(PRE-ENGINEERING), ISLAMIA COLLEGE
PESHAWAR

2014-2016

MATRICULATION, THE KHYBER ISLAMIC MODEL SCHOOL
AKBARPURA, NOWSHERA

SKILLS

- MATLAB
- NEC antenna designing
- Kalman Filter
- Guidance and Navigation
- Circuit Design
- Simulink
- LTspice
- RF Circuits
- Python
- RF Circuits
- Machine Learning