** SAMAH

[SAMAH.371582@2freemail.com](mailto:SAMAH.371582@2freemail.com)

*Confident and passionate person who loves*

*challenging situations and strives for excellence*

*through honesty, hard work and self-motivation.*

EMPLOYMENT

**SUPARCO** | Assistant Manager | 2013-2016

Pakistan’s National Space Agency

I worked as Satellite Structures Design Engineer, working on iterative design algorithms which involve Mathematical modelling and sophisticated computation.

Conceptual design, 3D CAD modeling of harness and structural analysis on various parts of the satellite were some of the major tasks.

**PAC, Kaamra** | Internee | Jul-Aug, 2012

Pakistan Aeronautical Complex

At the end of freshman year, I was nominated for this 4 week internship opportunity. It was a great learning experience as we were allowed to visit various setups including engine overhaul shop, Boeing parts manufacturing unit, Plasma shop, and high precision CNC machines. I worked in the overhauling facility for various systems of the aircraft and rebuild facility of various parts of F-6 aircraft.

EDUCATION

**Institute of Space Technology**

Pakistan | [www.ist.edu.pk](http://www.ist.edu.pk)

BSc Aerospace Engineering | 2009-2013

CGPA: 3.09 / 4.0

**Matriculation/F.Sc**

Pakistan | Federal Board (SSC/HSSC)

Grade A / Grade A1

2005-2009

ACHIEVEMENTS

**BSc Aerospace (Pakistan)**

5 year job contract awarded by SUPARCO along with fully sponsored undergraduate studies.

TECHNICAL EXPERTISE

**Engineering and other software**

* AutoCAD
* PATRAN-NASTRAN
* PRO-E
* MS office

OTHERS

**Volunteer Work**

* SOS International
* Akhuwat Foundation

**Organizational**

* Extracurricular Events Management.
* Startup of various bodies at university level including AIAA, and ASME.
* Fund raising activities for underprivileged children at university and personal level.

**Personal**

* Strong analytical skills
* Good communication and presentation skills