

VARDA ASIF

Guest Room No. 1,
AHQ PAF Base Peshawar
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OBJECTIVE:

To Join a reputable firm and utilize the theoretical and professional knowledge, I have gained from my past academic and practical work experience. To enhance my knowledge and experience by providing a positive role in the Organization.

ACADEMIC PROFILE:

2014-2018	BE-Materials Engineering School of chemical and materials Engineering (SCME) National University of Science and Technology (NUST), Islamabad	CGPA: 3.67
2012-2014	Higher Secondary School Certificate-Level Fazaia Inter College E-9, Islamabad	Grade A 78.54%
2012-2010	Secondary School Certificate-Level Fazaia Degree College MRF, KAMRA	Grade A+ 84.94%

WORK EXPERIENCE:

Duration	Designation	Department	Organization
8 Weeks	Interne Engineer	Packing Synthetic Granules (PSG)	Proctor and Gamble, Pakistan (P&G)
8 Weeks	Interne Engineer	Material Testing	Pakistan Aeronautical Complex, (PAC) KAMRA
6 weeks	Intern	Social welfare	World WildLife Fund (WWF)

PROJECTS:

2018 **FINAL YEAR RESEARCH PROJECT (Gold Medalist)** **Islamabad, Pakistan**
Performed a research project in NUST on the *Effects of undercooling on the mechanical properties of Advanced Engineering and High Entropy Alloys*, with collaboration of *German Aerospace Centre, DLR*

2018 **COMMUNITY SERVICE PROJECT (NUST)** **Islamabad, Pakistan**
Collaborated with Al-Birr to setup Medical Camp, cloth donations, food donations and cleanliness drives in low income settlements in Rawalpindi and Islamabad.

2017 **PROCTER & GAMBLE PAKISTAN** **Karachi, Pakistan**
A Multinational organization, manufacturing of fast Consuming products
Project I- Automation of PSG shift Scrap, **savings 25.56\$M/Year per machine** & reduced MUV loss **1.07\$M/month/VS line**
Project II- ARA Process Simplification, **Steward Ship compliance**
Project III- MU Process Simplification on FP powder Reconciliation Process, **368.42 \$M/Year**
Project IV- WPI on Filling Structure due to Speed Up in bulks, **29.8\$M depreciation avoidance.**

2016 **PAKISTAN AERONAUTICAL COMPLEX (PAC)** **KAMRA, Pakistan**
The PAC designs, develops, and build aircraft and avionics systems for the Inter-Services of the country, it also provides its services for civilian aircraft.
Project I - Metallography and Microscopy; Carburizing, and develop lab manual for carburizing in NUST
Project II – Optical Emission Spectroscopy, Fracture Analysis, Grain size measurement, Wet Chemical Analysis
Project III – Physical Testing, Non-destructive testing (Magnetic Rubber Inspection, Magnetic Particle Inspection, Liquid Penetration Inspection, Radiology, Ultrasonic Testing)

2016

WORLD WILD LIFE ORGANIZATION (WWF)

Islamabad, Pakistan

WWF is a global environmental conservation organization that aims to conserve nature and ecological processes by preserving genetic, species and ecosystem diversity.

Project I - Social Network project- Endangered Species Hour

Project II - School Campaign - The Clean-up Drive

Project III - A Visit to Jungle World and fund raising

PUBLICATIONS:

- Paper published; ***“Container-less Solidification of Eutectic and High Entropy Alloys”*** in Fundamentals of Advanced Emerging Materials International Conference’18, PCSIR
 - Paper in process; ***“Effect of under-cooling on the microstructure and mechanical properties of hyper-eutectic Ni Sn alloy***
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AWARDS:

- Awarded with ***Gold Medal*** for ***Final Year Research Project*** in ***NUST***
 - ***Consistent Dean’s honor*** list throughout degree
 - ***Awarded*** with the membership for Material Advantage Chapter along with its 4 major organizations (***ACerS, AIST, ASM, TMS***)
 - ***Member of winning team*** of SciMat event (SciOn NUST)
 - Certificate of appreciation for securing ***2nd position in International Kangaroo Competition*** in district Attock
 - ***Secured 1st rank*** in Spoken English Course in Peshawar
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LEADERSHIP EXPERIENCE:

- Vice President - ***Student Welfare Society (SWS)***
 - Vice Chair - ***NUST Material Advantage Chapter***
 - General Secretary - ***Society of Petroleum Engineering NUST & NUST Community Service Club***
 - Human Resources Director - ***NUST Debating Society (NDS) & NUST Literary Circle***
 - Event Head - ***NUST Olympiad’16***
 - Social media and registration Officer - ***International Conference & Expo on Biomass Gasification Technologies 2016.***
 - President - ***Science Society*** in Azam Garrison College
 - Ambassador - ***GIKI Innovation Summit’15***
 - Member of ***AIESEC Islamabad*** and of ***American Society of Materials (ASM)***
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OTHER SKILLS:

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| • Microsoft Office | • Workshop Skills | • Material Testing techniques |
| • AutoCAD 2010 | • Quality Assurance Techniques | • Sports (Badminton, Swimming) |
| • Visual studio | • MATLAB | |
| • Engineering Drawing | | |
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