

NASIRUDDIN HUMAYUN



+358 88 234 3849

nasiruddin.humayun@gmail.com

Oulu, Finland

Nationality: Pakistani

[linkedin.com/in/humayun-nasiruddin](https://www.linkedin.com/in/humayun-nasiruddin)

PROFILE

- An ambitious MSc working on Digital Twinning at the University Oulu.
- Specialised in R&D of renewable energy at university level.
- Skilled in modelling and simulations of smart grids.
- Have background in management and commercialisation of start-ups.
- Goal orientated and self-motivated individual who is seeking a new position in growing company or organisation.

EDUCATION & TRAINING

UNIVERSITY OF OULU, 03/09/2019-30/06/2021

Master of Science (Environmental Engineering)

Main Subject: Sustainable Energy Systems

Thesis: Digital Twinning of Smart Grids

**UNIVERSITY OF ENGINEERING AND TECHNOLOGY
UET LAHORE, PAKISTAN, 16/08/2012-01/06/2016**

Bachelor of Science (Material Engineering)

Material Evaluation Techniques, Manufacturing Processes,
Advance Materials

Thesis: ZnO Based Solar Cell

WORK EXPERIENCE

RESEARCH ENGINEER

UNIVERSITY OF OULU, FINLAND, 15/02/2021-

In-charge of building and managing Digital Twin OF Microgrid.
Part Of EaaS Lab Project.

CO-FOUNDER

ASTROPATH TECH, FASIALABAD, PAKISTAN, 15/09/2017-

Block-chain technology for secure communication and
document catalog for land registry and tax documents.

- Green Fasiyalabad
- Researching different modes of Renewable energy and viable products
- Commercializing Plastic to fuel Conversion from Lab to Industrial Scale
- Ensuring Supply of Raw Material
- Operations of Pilot Plant

SKILLS

LANGUAGE SKILLS

Urdu: native

English: fluent

Finnish: basics

DIGITAL SKILLS

PTC CREO / CAMCAD

Excellent

Programming languages

PYTHON / TEM / SEM / C++

Very good

INTERESTS

- Tending to my allotment garden with my friends
- Outdoor cooking
- Strategic games as Civilization

REFERENCES

Available upon request.

LAB ENGINEER

UNIVERSITY OF ENGINEERING AND TECHNOLOGY (UET),

FAISALABAD, PAKISTAN, 08/12/2016-12/09/2017

In-charge of Computational Lab

- Teacher Aid / Assistant
- Teaching Introductory Labs to Students
- Conducting Computational Lab
- Conducting Introduction to Materials Lab

MATERIAL TESTING ENGINEER

PMT LABS, ISLAMABAD, PAKISTAN, 04/05/2015-

07/12/2016

Completing research project on ZnO made through Hydrothermal route

- Handling Lab equipment: TEM, SEM
- Writing daily reports
- Creating a purpose made hydrothermal reactor Vessel