

Contact

a.irfan121@gmail.com

www.linkedin.com/in/alina-irfan-12704b1bb (LinkedIn)

Top Skills

TensorFlow

Deep Learning

Python (Programming Language)

Languages

Urdu (Native or Bilingual)

Arabic (Limited Working)

English (Full Professional)

Certifications

Convolutional Neural Networks

Improving Deep Neural Networks:
Hyperparameter Tuning,
Regularization and Optimization

Machine Learning

Neural Networks and Deep Learning

Sequence Models

Honors-Awards

Bronze Medalist International
Kangaroo Mathematics Contest
(IKMC) 2011

PKSC Winner Pakistan Science
Contest (PKSC) 2012

Master (1st position) Youth Inventor
Program

Publications

Review of challenges associated
with the EEG artifact removal
methods

Alina Irfan

Electrical Engineering Senior | ML Developer | EEG Research Intern
Lahore, Punjab, Pakistan

Summary

An electrical engineer driven by the passion to research. Looking for R&D opportunities to help me learn and grow in an academic career

Experience

CureMD

CureMD Young Inventor Program (YIP)

2021 - Present (1 year)

Master (1st position) Youth Inventor Program (from 800 applicants from universities across Pakistan)

My project proposes a thought-to-text translation device based on electroencephalogram (EEG) data. It is a novel deep-learning framework, in combination with a brain-computer interface (BCI) system, that will provide rehabilitative and assistive solutions for those faced with a physical disability. CureMD has awarded my project with a sponsorship, as well as a tuition fee waiver and a paid internship.

SIGMA Lab in collaboration with TUKL

Research Intern

June 2020 - Present (2 years 5 months)

Project : Automation of EEG Diagnosis in collaboration with Military Hospital (MH), Rawalpindi.

Neuroinformatics Lab SEECS, NUST

Undergraduate Research Assistant

2020 - Present (2 years)

Publication in Elsevier ; 'Review of challenges associated with the EEG artifact removal methods'

NUST Science Society

Admin Events

2018 - 2020 (2 years)

7th National Science Bee

8th National Science Bee

Interschool Science Competition - 3-day event comprising of science and recondite modules related to STEM propensities, providing a collusion of entertainment with science.

#BeeyondScience

IEEE

Research Assistant

2018 - 2018 (less than a year)

15th International Conference on Smart Cities:

Improving Quality of Life Using ICT & IoT (HONET-ICT)

IMechE NUST Student Chapter

Admin Events - Institution of Mechanical Engineers (IMechE) Student Chapter NUST

2017 - 2018 (1 year)

Hosted Speak Out Engineering (SOFE) 2018

Education

National University of Sciences and Technology (NUST)

Bachelor of Engineering , Electrical and Electronics Engineering - CGPA

3.95 · (2018 - 2022)

School for Contemporary and Islamic Learning

A Levels (GCE), Physics, Chemistry, Biology, Psychology, Islamic Studies &

Math - 5 A* & 1 A · (2015 - 2017)

School for Contemporary and Islamic Learning

O Levels (GCE), 9 A* · (2012 - 2015)