

ALI SEHPAR SHIKOH

DATA SCIENTIST

raishikoh@gmail.com

EXPERIENCE

Postdoctoral Research Associate | Hanyang University

JAN 2021 - DEC 2021, ANSAN-SI, SOUTH KOREA

- Collaborated effectively on projects related to Thin-film transistors with Korea University and supervised various Ph.D. students.

Postdoctoral Researcher / Young Scientist | NUST-MISiS

JAN 2019 - DEC 2020, MOSCOW, RUSSIA

- Collaborated with an international team of Scientists and presented gathered results at an international conference.
- Performed bibliometric data analysis related to Perovskite solar technology in R and VOS viewer.

Research Assistant | Qatar University

SEP 2013 - MAY 2017, DOHA, QATAR

- Collaborated in a multi-disciplinary national and international project related to solar cells and transparent electrodes. Presented gathered results at various national and international conferences.
- Supervised various undergraduate and internship projects.

EDUCATION

BrainStation | Diploma Candidate, Data Science

JAN 2022 - PRESENT, TORONTO, ON

Qatar University | Ph.D., Electrical Engineering

SEP 2013 - MAR 2018, DOHA, QATAR

- Outstanding Thesis Award.

Loughborough University | MSc, Renewable Energy Systems and Technology

SEP 2011 - DEC 2012, LOUGHBOROUGH, UNITED KINGDOM

- Distinction Award.

University of Engineering and Technology | BSc, Electrical Engineering

SEP 2006 - NOV 2010, LAHORE, PAKISTAN

- Dean's Honor Roll for 7th Semester.

PROJECTS

BrainStation Capstone Project, 2022: Implemented time series models to predict the effect of climate change on crop yield.

Quantitative Analysis of the Research Trends in Perovskite Solar Cells, 2020: Performed bibliometric analysis on 'Web of Knowledge' data related to Perovskite Solar Cell technology using R and VOS viewer.

PROFILE LINKS

[LinkedIn](#)

[GitHub](#)

[Research Gate](#)

[Google Scholar](#)

SKILLS

Databases: SQL

Programming: Python, R

Interface: Command Line

Statistics: Hypothesis Testing, A/B tests, Parametric and non-Parametric tests

Data Visualization: Tableau, Matplotlib, Plotly, Bokeh, Seaborn

Neural Networks: Tensorflow, Keras, Pytorch

Big Data: AWS, Hadoop, Spark, Hive

PROFILE

I come from a technical background with a Ph.D. in Electrical Engineering. I have over 9 years of experience in academic research and development and thus possess a well-rounded analysis, collaboration, and communication-based skillset.

I am seeking to pivot into an advanced analytics role to apply the statistical and technical knowledge that I have acquired over the years.