

SYED HAMZA

Data Science, Programming and Training Development

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Experienced Computer Systems Major with integrating ICT in the field of Education, Training and Learning. Currently, I am passionate about the world of Data Science and keen on switching role towards Data Science and Engineering

Skills

Data Analysis, Programming, Curriculum Development, Teaching and Training, Mathematical Analysis, Statistical Reasoning, Data Visualization, Machine Learning

Work History

2021-09 - Current

Advance Placement CS Teacher

Ministry of Education Qatar, Doha

Developing Curriculum and Teaching subjects like Python Programming, Statistical Analysis through R, Artificial Intelligence through Machine Learning Algorithms

2016-08 - 2021-07

Head of Computer Science Department

CIA FIRST INTERNATIONAL SCHOOL, Phnom Penh

Unit plan development: Writing, modifying and refining units of study, aligned to academic standards, and Mentoring all teachers in the ICT Subject team within the assigned school level

Data Collection & Analysis: Collecting and analyzing student achievement data for the assigned subject & school level and creating intervention plans with regards to planning and instruction informed by student achievement data

2017-09 - 2021-07

Statistical Researcher

CIA FIRST INTERNATIONAL SCHOOL, Phnom Penh

- Teaching AP Statistics to the high achiever students and help in doing annual action research each year to utilize the concepts of statistical analysis and programming in R

2015-09 - 2016-07

Language Tutor

Galaxy Language International School, Binh Duong

Teaching Computer Programming Languages to the students going to

pursue higher education in the field of Computer Science and Engineering (E.g: Python)

Helping students to prepare for IELTS international language testing exam.

2015-01 - 2015-07

Internship Student

AIESEC Jordan, Irbid

International exchange student internship program to boost the cultural awareness and develop social-emotional skills. I have worked with Consolidated Contractors Company through the medium of AIESEC Jordan.

2013-06 - 2013-08

Exchange Coordinator

AIESEC Oman, Muscat

International exchange student internship program to boost the cultural awareness and develop social-emotional skills. I have worked with Sultan Qaboos University through the medium of AIESEC Oman.

2012-06 - 2012-08

Exchange Coordinator

AIESEC Sri Lanka, Colombo

International exchange student internship program to boost the cultural awareness and develop social-emotional skills. I have worked with University of Kelaniya through the medium of AIESEC Sri Lanka.

Education

2017-12 - 2019-03

Post-Graduation in Education: Education

University of Nottingham - Nottingham UK

2014-09 - Current

Post-Graduation in Big Data Analytics Georgian College Barrie, Canada

2025-01 - Current

Masters of Science in Information Systems (Data Analytics) University of Athabasca, Canada

2010-08 - 2015-07

Bachelor of Science: Computer Systems Engineering

GIK Institute of Engineering Science & Technology - Sawabi Pakistan

2022-09 - 2023-02

Professional Certification in Data Analytics: Data Science And Analytics

Google Analytics - Online

2023-02 - 2023-12

Professional Certification in Data Science: Data Science

IBM Certifications - Online

Software

Google Suite, Microsoft Suite, Github, Notepad++, R-Studio, Python IDE, SPSS, Tableau, Microsoft PowerBI, ArcGIS, RapidMiner, Jupyter Notebook, Google Colab, Orange, On Shape