

Dr. Syed Faizan, MD

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Master's in Data Analysis and Applied Machine Learning (Jan 2024 - Dec 2025)

Current GPA 4.0.

With over 10 years of experience in clinical research, patient care, and public health education, I bring a unique blend of expertise in healthcare and data analytics, coupled with a passion for AI and machine learning. Currently, a graduate student in the masters program at Northeastern University in Data Analysis and Applied Machine Learning and a contract part-time Data Analyst and Scientific Advisor with Tarsal Education Technologies, I leverage my medical and analytical skills to drive impactful solutions in healthcare and public policy. My work spans hands-on patient care, regulatory document management, and AI-driven data insights, including successfully managing databases and NLP projects and decreasing data entry errors by 20%. I aim to harness the power of data science to bridge gaps in healthcare delivery and contribute to innovative AI solutions.

CERTIFICATIONS

Google IT-Support Professional Certificate • 12/2023

Google

Mathematics for Machine Learning Specialization • 07/2024 - 08/2024

DeepLearningAI

Machine Learning Specialization • 08/2024 - 08/2024

DeepLearningAI

IELTS General 9/9 Overall Band

IELTS

IELTS Academic 8.5/9 Overall Band

IELTS

WORK EXPERIENCE

Tarsal Education Technologies, Toronto, Ontario, Canada. • Remote • 03/2024 - Present

Data Analyst and Scientific Advisor • Contractor

- I work to create databases, prepare schema, analyze educational data and work on NLP projects.

Cauvery Hospitals • Hunsur, Karnataka, India • 08/2023 - 12/2023

Duty Doctor

- Provided exceptional direct care for 200 patients in Medicine & Gen Surgery, resulting in high patient satisfaction and improved health outcomes.
- Implemented new patient management system, increasing efficiency by 50% and decreasing wait times by 30%.

Department Of Community Medicine • Mysore, Karnataka, India • 04/2022 - 01/2023

Research Assistant

- Successfully collected data from 500+ school children in Mysore District for the General Health Survey, contributing to public health research.
- Streamlined the research process by effectively managing data collection and entry for the Government of Karnataka India's study of Nutritional Status and Diabetes Prevalence in the Slums of Mysore City.
- Improved efficiency in data collection for the study on financial implications of Diabetes Mellitus and its complications, resulting in a 20% decrease in data entry errors.

Cactus Communications Pvt Ltd • Remote • 10/2021 - 03/2022

Pharma Regulatory Editor

- Collaborated with cross-functional teams to ensure timely submission of regulatory documents, resulting in successful approval of multiple products and a 95% on-time submission rate.

Elite Nursing Home • Mysore, Karnataka, India • 01/2016 - 12/2020

Self-employed

Family Physician

- Delivered exceptional care to 25 inpatients and 200 outpatients weekly, leading to improved health outcomes and satisfied patients.

Ashwini Clinic • Mysuru, Karnataka, India • 10/2011 - 03/2015

Duty Doctor

- Managed primary care for 100 outpatients every week in General Medicine, resulting in improved health outcomes for patients.

K. R. Hospital and Cheluvamba Hospital • Mysuru, Karnataka, India • 09/2010 - 09/2011

Resident Intern

- Hands-on experience in primary and tertiary care settings in 18 different departments of clinical medicine.

EDUCATION

Master Of Professional Studies In Analytics - Concentration - Applied Machine Learning

Northeastern University • Toronto, Canada

Bachelor Of Medicine and Bachelor Of Surgery

Rajiv Gandhi University of Health Sciences, Mysore Medical College • Karnataka, India

AWARDS & SCHOLARSHIPS

National Overseas Scholarship by Government of Karnataka • 03/2024

Government of Karnataka, India.

Best poster presentation, 21st Annual Conference, Indian Psychiatric Society • 08/2011

Indian Psychiatric Society

Best outgoing Intern in Clinical Research for the year 2011 • 01/2011

Department of Community Medicine, Mysore Medical College and Research Institute

Best outgoing Intern for excellence in Research for the year 2011 • 01/2011

Department of Psychiatry, Mysore Medical College and Research Institute

PUBLICATIONS

Abhishekh, H. and Faizan, S. (2012)

Australian & New Zealand Journal of Psychiatry

John Cade (1912- 1980), pp.68-69

Faizan, S., Raveesh, B., Ravindra, L. and Sharath,K. (2012)

BMC Proceedings

Pathways to psychiatric care in South India and their socio-demographic and attitudinal correlates.

Faizan, S., Raveesh, B, Anjali, V., Lakshmanagowda Sujatha,R. and Sharath,K. (2012)

BMC Proceedings

The attitude of non-psychiatry doctors to psychiatry and its correlates in Mysore, South India.

SKILLS

Applied Machine Learning, Clinical Research, Data Analysis, LaTeX, Machine Learning, Python, R Programming Language, SQL, Statistical Analysis