

Dr Sarif Mohammad Tasnim Islam

Doctor | Programmer | Aspiring Computational Biologist

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Personal website

Blog

LinkedIn

GitHub

Summary

Medical doctor interested in computational biology, medical AI, and science communication.

Experience

- Intern Doctor
[Sir Salimullah Medical College](#)
October 2022 – October 2023
 - Was responsible for history taking, clinical examination, diagnosis, and treatment at inpatient wards and outpatient clinics under supervision of a Professor / Associate Professor in the Medicine & Allied, Paediatrics, Surgery & Allied, and the OBGYN departments for a period of 4, 1, 4, and 3 months respectively.
- Technical Officer
[CallosumBD](#)
Sep 2018 – Jun 2020
 - Managed video production and editing for the EdTech organisation's YouTube channel
 - Trained new recruits in using Autodesk Sketchbook and Camtasia video editor
 - Designed posters and flyers for online and offline events
- Moderator and Content Writer
ব্যঙ্গের ছাতর বিজ্ঞান
Jun 2019 – Apr 2020
 - Wrote articles and responded to queries on health sciences, biology, theoretical physics, mathematics, and computer science
 - Judged articles in article contests
- Chemistry Teacher
Medico
Jun 2017 – Jan 2018
 - Created practice questions on chemistry for medical admission test candidates
 - Delivered lectures on environmental chemistry
- Admin and Content Writer
রহস্যময় বিজ্ঞান জগত
Mar 2014 – Oct 2015
 - Managed the department of physics. Wrote articles and responded to queries on physics and mathematics.

Education

- Sir Salimullah Medical College
Degree: MBBS
GPA: N/A
Year of Graduation: 2022
- The Coding School
Degree: Quantum Computing Certificate
GPA: N/A
Year of Graduation: 2022

- Birshrestha Noor Mohammad Public College
Degree: Higher Secondary Certificate
GPA: 5.00
Year of
Graduation: 2016
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Certifications

- Data Science: Foundations Using R
 - > Johns Hopkins University, through Coursera
 - > 5-course specialisation
 - > [Credential URL](#)
 - Machine Learning
 - > Stanford University, through Coursera
 - > Course
 - > [Credential URL](#)
 - Deep Learning
 - > DeepLearning.AI, through Coursera
 - > 5-course specialisation
 - > [Credential URL](#)
 - DeepLearning.AI TensorFlow Developer
 - > DeepLearning.AI, through Coursera
 - > 4-course Professional Certificate
 - > [Credential URL](#)
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Skills

- Programming and Markup Languages
 - General Purpose: Python, C, C++, Go, Julia
 - Data Analysis and Machine Learning: Python, R
 - Web Development: HTML, CSS, JavaScript
 - Others: Markdown, LaTeX, SQL, Bash
 - Libraries, Frameworks, and Preprocessors
 - Python
 - NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, TensorFlow and Keras, Flask, Qiskit
 - R
 - dplyr, ggplot2, stringr, lubridate
 - Web
 - Bootstrap, Tailwind, Sass (SCSS), Svelte
 - Tools
 - Git CLI
 - Microsoft Excel
 - Figma
 - Canva
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Projects

- Brickbreaker
 - My attempt at replicating one of the most popular Atari games ever - *Breakout*.
 - [Project Link \(Live\)](#)
 - Used technologies: HTML, CSS, JavaScript
- Colorain
 - A Python package to make styling text on the terminal quick and simple with a self-designed markup.
 - [Project Link \(GitHub\)](#)
 - Used technology: Python

- GoCal
A simple mathematical parser.
[Project link \(GitHub\)](#)
Used technology: Go
 - Tim-ASCII
An ASCII-fier for displaying images on the terminal
[Project Link \(GitHub\)](#)
Used technology: C++
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