Tahawar Ihsan

Narowal, Punjab

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Education

- **National University of Computer and Emerging Sciences, FAST–NUCES**
  Bachelor of Science in Computer Science   *2019 – peresnet*

Experience

Open Source Contributor   MAY 2023 - Present
GirlScript Summer of Code   Remote

- work on real-world projects, gain practical experience, and contribute to the Open Source projects.

App Developer Intern   Jun 2022 - Aug 2022
Innovative Saudia, Lahore   Physical

- Gain practical experience in Java app development for a food app, working on real-world projects.

Web Developer   Jun 2020 - Aug 2023
Microsoft Learn Student Ambassadors(MLSA) Society   Physical

- Worked as a Full Stack Web Developer and WordPress Developer in the Web and IT Team of MLSA Society.

Projects

- **Secure Pipeline For Machine Learning With Homomorphic Encryption (Final Year Project)**: Implemented LSTM model in secure pipeline for machine learning with homomorphic encryption, ensuring confidentiality and privacy of sensitive data during training and prediction.(Continue)
- **Project Predicting Heart Disease with Classification Machine Learning**: Developed a project in which we predict Heart Disease and apply different ML models for better results.   (link)
- **Time Series Forecasting With Tensorflow**: Developed a project Time Series Forecasting, Python, NumPy, Pandas, Matplotlib, and Seaborn to analyze, visualize, and optimize portfolios of top stocks and cryptocurrencies.   (link)
- **INotebook**: a scalable React application for managing personal notes on the cloud, utilizing authentication and networking techniques to ensure secure access and optimal performance. **HTML,CSS,Async javascript,API, MongoDB.**   (link)
- **NewsMonkey**: A news application using React and NewsAPI that allows users to browse and read news articles in various categories and fetch real-time news data from NewsAPI. **HTML, CSS, javascript,node.js,express.js, NewsAPI**. (link)
- **Pet shop Management system**: Developed a management system where users can sign in, sign up and buy a Pet. Also, Admin can perform CRUD operation on the employee, buses, routes **HTML, CSS, Async Javascript, MySQL, PHP**.   (link)

Languages and Technologies

Python, Julia, C/C++, JAVA, PHP, React.JS, Node.JS, Express.js, MVC, MySQL, MongoDB, Git, Tensorflow, Microsoft Azure, OpenCV, Cyber security and other frameworks and libraries.

Reference

Dr. Muhammad Amin   muhammad.amin@nu.edu.pk
Assistant Professor, FAST-NUCES