Saheer Ahmad

West Lafayette, Indiana

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Education

Purdue University   *West Lafayette, Indiana*

BS in Computer Science with a focus on Machine Learning   *Aug 2020 - May 2024*

Courses: Data Structures and Algorithms, Object Oriented programming, Systems Programming, Data Mining and Machine Learning, Information Systems(Databases), Web App Development, Linear Algebra, Multivariable Calculus, Statistics

DPS STS School Dhaka   *Dhaka, Bangladesh*

High School   *Dec 2016 - May 2020*

- One of 4 people awarded a scholarship for academic excellence
- Highest in country in Cambridge IGCSE
- Graduated with a perfect GPA

Work Experience

Renzoe Box   *Austin, Texas*

Undergraduate Data Science Researcher   *Jan 2022 - May 2022*

- Coordinated an AGILE SCRUM sub-team of 4 to get the Renzoe Box product ready for market
- Developed a Natural Language Processing algorithm that boosted the accuracy from 94% to 98% over a span of 2 weeks

Popular Diagnostics Ltd.   *Dhaka, Bangladesh*

Software Development Intern   *May 2021 - Aug 2021*

- Collaborated with experienced Software Engineers using Full Stack technologies to keep their 26 hospitals running smoothly
- Facilitated monthly meetings with stakeholders and users to discuss improvements and address any needs
- Designed and implemented a task management software from scratch that is currently being used at 3 of their hospitals
- Engaged in weekly maintenance and updates to their existing website and POS systems

Projects

To-Do List and Calendar

- Created a To Do list using pure JavaScript to better manage tasks and improve productivity that uses a FireBase Backend for user Authentication and storage
- Allows user to add events, set time/date, view it in list form, calendar forms and much more

Flight Booking System

- Built a flight booking system that uses BFS to find the best route of travel, reducing the cost/time compared to direct flights
- Efficiently finds the cheapest route as well as the fastest route
- Written in Java

Stock Trading Algorithm

- Developed an algorithm that analyses SIMFIN data from 2008 to 2020 to discover patterns which are then used as input in a Machine Learning algorithm that predicts the future stock prices
- Coded in Python

Social Media Application

- Built a Java based application that allows users to upload pictures and information in real time as well as see everyone that is currently active and much more
- Created a Java GUI based frontend and a Java based backend

Skills

Programming languages : Java, C, JavaScript, HTML/CSS, Python, Assembly

Related Technologies : React, NodeJS, MySQL, Numpy, Pandas, Scikit-Learn, Git, AWS, Linux

Languages: English(Native), Bengali(Native), Hindi(Spoken)