Shaheer Hassan

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Education

FAST - National University of Computer and Emerging Sciences, Islamabad.	
Bachelor of Science (Computer Science)	**2021**
Major: Web Development, Machine Learning, Natural Language Processing, Advanced Programming & Software Engineering	
Punjab College of Information Technology, Rawalpindi	**2017**
FSc, Pre-Engineering (Physics, Chemistry, Mathematics)	
Divisional Public School & College, Rawalpindi	**2015**
Matriculation	

Projects

BroBot - Final Year Project [Android, Django, Rasa, GPT-2]

An artificially intelligent chatbot to help with loneliness and stress of elderly people by holding therapeutic conversations.

Semester Projects:

Flights – Prediction Model – Data Mining [Python – SkLearn, Pandas, NumPy]
Trained a Flight Predictor to predict that a flight would be delayed/diverted.
WeChat – Advanced Programming [Java, JavaFx, Hibernate]
Developed a desktop app which lets you chat.
Commonsense Validation – Artificial Intelligence [Python, Bert, SkLearn]
A commonsense validation model trained with Google's Bert model.
Review Box – Blockchain [Solidity, Truffle & Ganache, web3, React]
A web app using react & truffle for honest and valid reviews.
Mecha Sales System (Client – Server) – Software Engineering [Java, JavaFx, MySQL, - Using SCRUM]
A Point of sales system which can be used as a system for a robot's sales shop.
DBMS - Data Structures [C/C++]
Built a database management system from scratch using B/B+ trees.

Work Experience

Software Engineer (Backend) – Emumba Islamabad Working as a backend developer.	**August 2021 – Present**
Data Science Intern – MTBC Islamabad Working as a Data Science intern at MTBC.	**April 2021 – July 2021**

Skills & Tools

Professional Skills	Leadership, Teamwork, Problem-solving, Communication.
Technical Skills	Python, Golang, Java, C/C++, SQL, , NumPy, SkLearn, Pandas, Rasa, Go-gin, Gorm, JavaFx, Tkinter, Firebase, PyCharm, IntelliJ, Android Studio, VS Code, Eclipse

Trainings / Certification

Sequence Models – Course on Coursera
Datasctructures – Javascript freecodecamp
Data Analysis using Python – Python freecodecamp

Activities

Coordinator for Read Foundation's Educate a Child Initiative

Interests

Basketball, Watching Movies, Reading Books & Tech Blogs