Zuhaib Shakeel Khan

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EDUCATION

MS in Computer Science   Aug'22 - ongoing
University of Wisconsin, Milwaukee   Milwaukee, WI

Bachelor of Engineering (Electronics & Telecommunication)   Aug'16 - Aug'20
Sinhgad College of Engineering   Pune, MH

WORK EXPERIENCE

Infosys   CH, INDIA
System Engineer Trainee   Feb'22– Aug'22

- Completed a comprehensive training program in Java programming and Python programming, which included coursework and hands-on experience working on Java and Python projects.
  Developed proficiency in core concepts, including object-oriented programming, data structures, and algorithms. Experience with data structures and algorithms.

SKILLS

Technical Skills:

- **Programming Languages**: Java, Python
- **Web Development:** Html and CSS
- **Data Science:** Python, Numpy, Pandas, Sklearn

Software: Eclipse, Jupyter Notebooks, Pycharm, Anaconda

PROJECTS

Predict from historical tweets to identify users suffering from asthma.
- Created a pipeline of different classification models to predict if the user has asthma from historical tweets which could help with targeted advertising.
- Implement and validate predictive models on semi-structured tweet data and unstructured text part of tweets.
- Analyzed the labelled tweets and performed classification identifying asthma positive and negative tweets.
- Created a classifier model between companies and a human with 94% AUC. (SVM, LR, Random Forests etc).
- Performed gender classification on the tweets using Kaggle dataset for training as part of the pipeline for targeted advertising.

BANKING SYSTEM (JAVA)
- Java Banking System: Developed a banking system application using Java programming language that allows users to create accounts, deposit and withdraw money, and transfer funds between accounts.
- Implemented database connectivity using JDBC to store account information and transaction details in a database.
- Included a basic authenticator that verifies the user's login credentials before allowing access to the system.

PELTIER REFRIGERATOR

- This compressor less refrigeration system uses the temperature difference created by the Peltier module between two electrical junctions to create cooling effect on one end.
- Desired temperature using LM35 and auto power cut using Arduino Uno when the optimum temperature has reached.