Aseem Maheshwari

41979 Chadbourne Dr, Fremont, CA 94539

📞 510-516-1655 ✉ aseemm@gmail.com 🔗 linkedin.com/in/aseemm ⭘ github.com/aseemm

Technical Skills

Languages: Python, R, C/C++, HTML/CSS, JavaScript, SQL
Libraries/Frameworks: React, Node.js, Gatsby, Flask, Tensorflow, PyTorch, Dash
Big Data & ML: Spark, Hadoop, MongoDB, Python (scikit-learn, numpy, pandas, matplotlib)
Data Science & Misc Technologies: A/B Testing, ETL, Data Science Pipeline (cleansing, wrangling, visualization, modeling, interpretation), Statistics, Time Series, Expermental design, Hypothesis testing, OOP, OOD, APIs, Excel, Git
Misc: Docker, Git, Jenkins

Projects

Gym Reservation Bot | *Python, Selenium, Google Cloud Console*   January 2021
- Utilized python to implement unsupervised machine learning techniques for time series anamoly detection on 3TB of unstructured data, which reduced total process time by 20 percent.
- Wrangld 10TB of trading data stored in Hadoop DFS using Scala to remodel and visualize.

Ticket Price Calculator App | *Java, Android Studio*   November 2020
- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Transaction Management GUI | *Java, Eclipse, JavaFX*   October 2020
- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Used JavaFX to create a GUI that supports actions such as creating an account, deposit, withdraw, list all acounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Experience

Electronics Company   May 2020 − August 2020
Software Engineer Intern   *City, State*
- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Utilized Jenkins to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

Startup, Inc   May 2019 − August 2019
Front End Developer Intern   *City, State*
- Assisted in development of the front end of a mobile application for iOS/Android using Dart and the Flutter framework.
- Worked with Google Firebase to manage user inputted data across multiple platforms including web and mobile apps.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Utilized Android Studio as a development environment in order to visualize the application in both iOS and Android.

Education

Carnegie Mellon University   Aug. 1998 − May 2000
Master of Science in Electrical & Computer Engineering   *Pittsburgh, PA*

Indian Institute of Technology (IIT), Madras   Aug. 1994 − May 1998
Bachelor of Technology in Electrical Engineering   *Chennai, India*