Aswathy Mohan

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https://github.com/AswathyMohan89 | https://linkedin.com/in/aswathy1891989 |
https://AswathyMohan89.github.io/aswathy.mohan/

Data Scientist, with prior experience as full stack developer and a deep understanding of the importance of data and decision making . Adept in combining power of Python with databases along with JavaScript for creating intricate visualizations. As a Data Science professional, I take pride in my work and I am seeking a challenging position, which utilizes my office skills and I thrives on the fast-paced environment where deadlines are a priority and handling multiple jobs simultaneously is a requirement.

TECHNICAL SKILLS

Python,Pandas, Excel,VBA, IPywidgets, plotly, Matplotlib,Seaborn, Tableau, Hadoop, Machine Learning, TensorFlow, Keras,OpenCv, Node.js, Express, JavaScript, jQuery, React.js, React Native, GIT, Github, MongoDB, MySQL, Firebase, HTML, CSS, Bootstrap, Media Queries, APIs, JSON, REST, AJAX

SOFT SKILLS

Brand Positioning, Truth Telling and Storytelling, Project Management, Leadership, Communication.

EDUCATION

Rutgers University   2018
- Certificate in Data Science– Rutgers Data Science Boot Camp

Model Engineering College, Kerala, India   2014
- M.Tech in Computer Science

Viswajyothi college of Engineering and technology, Kerala, India   2011
- B.Tech in Computer Science

RELEVANT EXPERIENCE

JobFitt(New Brunswick, NJ)   **2018**

Project Lead/Data Analyst
- JobFitt application recommends the top most likely job position titles for individuals, along with salaries across the states in US and the job description for each title, based on the job seeker's current skills, education level, years of experience and other factors.
- The application also shows the latest trends about salary in US, the fastest declining and growing jobs.
- Technology Used: Python, Flask-application, HTML/CSS, JavaScript, MongoDB, Machine Learning, Plotly, D3
- Application Link: http://athenajobfitt.herokuapp.com/
- GitHub Link: https://github.com/AswathyMohan89/jobfit

Jamalyze((New Brunswick, NJ)   **2018**

Aswathy Mohan

Database Admin/ Data Analyst

- Jamalyze is a Visualization App for for analysing the the concert landscape of the United States for the next year.
- This application explores concert trends across the nation in regards to genre, price, and location.
- Technologies:Flask,SQLAlchemy,SQLite,Javascript,Leaflet,jQuery,Mapbox,D3,Plotly, AOS (for CSS animations).
- Application: https://jamalyze.herokuapp.com/
- Github: https://github.com/AswathyMohan89/jamalyze

Mental Health Analysis in US (New Brunswick, NJ)   2018

Data Scientist
- A data Analysis application that perform mental health analysis based on data from CDC and BRFSS from 2011-2016.
- I worked on a team, and I was responsible for the data collection and cleaning .
- I also worked on interactive Jupyter notebook visualization with IPyWidgets, Plotly, Python and pandas.
- Github : https://github.com/AswathyMohan89/Mental-Health-Analysis-US-2012-2016

Portfolio Site   2018

Full Stack Developer
- Created a portfolio site, utilizing Jekyll theme Jalpc
- JavaScript, jQuery, HTML5, CSS3, YAML,Jekyll themes,github
- Github : https://github.com/AswathyMohan89/aswathy.mohan
- Application :https://aswathymohan89.github.io/aswathy.mohan/

EarthQuake   2018

Full Stack Developer
- Visualizing Earthquake data for past 7 days using leaflet and Geojson
- Data retrieved from USGS .
- JavaScript, D3, leaflet and leaflet-timeline.

Twitter Bot(amfromBot) (New Brunswick, NJ)   2018

Data Analyst
- Designed a Bot which performs sentimental analysis on tweets on hashtag (#amfromBot).
- Python,Pandas,Tweepy,vader Sentiment Analysis
- Github :https://github.com/ AswathyMohan89/amfromBot

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Banking Desserts (New Brunswick, NJ)   **2017**
Data Analyst
- Created a data analysis tool for visualizing banking desserts in an area
- Python ,Pandas, Google Geo Mapping API,Matplotlib
- https://github.com/AswathyMohan89/BankingDesserts

OpenWeatherMap   **2017**
Full Stack developer
- Created a weather Map App to retrieve weather data from 500 countries across the world and to analyse the weather patterns
- Python ,Pandas, Google Geo Mapping API,Matplotlib
- https://github.com/AswathyMohan89/Open-WeatherMap

NameScreening (Oracle Financial Service Software Ltd, Bangalore,India)   **2011**
Front End Developer
- Created front end design for Name Screening project of Citibank
- Java, JSP, HTML,Struts, Hibernate

ADDITIONAL EXPERIENCE
Assistant Professor (Kerala ,India)   **2014-2015**
- *Conducting Lectures and Mentoring undergraduate students.*
- *Handling Software Labs and conducting exams for students.*

Teaching Assistant (Kerala ,India)   **2012-2014**
- *Assisting Professors in conducting lectures and preparing assignments for undergraduate students.*
- *Assisting in Software Labs.*

CERTIFICATIONS:
- "Neural Networks and Deep Learning" by deeplearning.ai on Coursera. The certificate earned on September 2, 2017.
- "Improving Deep Neural Networks: Hyperparameter tuning, Regularization, and Optimization" by deeplearning.ai on Coursera. Certificate earned on September 15, 2017.
- "Convolutional Neural Networks" by deeplearning.ai on Coursera. The certificate earned on December 22,2017.

INTERESTS:
- Machine Learning, Kaggle data analysis , painting

ACTIVITIES:
- Acrylic Painting, Badminton, running and cooking