Chaitra Prathap

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OBJECTIVE

Focused and Self-motivated technology Intern leveraging education in Data Science and strong technical acumen. Seeking internship / full time opportunity to develop and improve educational my skills.

EDUCATION

Master of science in Data Science | Queensland University of Technology, Australia.   **December-2020**

Bachelor of science in Electronics and Communication Engineering| Visvesvaraya Technological University, India.   **July-2017**

SKILLS

- Managing relational and non-relational database software such as MYSQL, Oracle.
- Proficient in SQL, R, JAVA, C# and python programming languages.
- Developed web and mobile application using React, React Native and JavaScript frameworks.
- Analysed a large dataset using pandas python in jupyter notebook.
- Skilled in web designing tools such as JavaScript, Type script, HTML, CSS, PHP.
- Designing Application prototypes and Business Process modelling.
- Knowledge of networking concepts and protocols.

CORE COMPETENCIES

- Strong communication skills to efficiently share ideas and concepts.
- A person who wants to help other people and work together in team.
- A flexible persona capable of adapting to change.
- Creative and realistic approach to solving problems.

ACADEMIC PROJECTS

Natural User Interface   **Jan 2017 - Apr 2017**

Skills and software: Python, Microcontrollers and VR module, Data collection.

- The project focuses on Human-Computer interaction through Voice, Touch and Gestures interfaces.
- The Three Interface have to be simulated through machine learning platform for interactions.
- The Interfaces are then performed according to respective data recorded prior and display the achieve results.

Trial 3D for Offline Shoppers to Boost Online Sales.   **Aug 2018 - Nov 2018**

Skills and software: C#, Visual studio, Data cleaning and analysis.

- The Project focuses on user friendly application for people who often shops online.
- Collected data sheets/ size chart from various brands to develop a database of stocks.
- Designed and developed a 3D Avatar to try on clothes online.
- The prototype is processed using Visual studio to allow users to access the information.

Project leap-In   **July - 2020**

Skills and software: SQL, Python.

- This project focuses on providing a plan management services to people with disability on the National Disability Insurance Scheme.
- Design and execution performed on Agile methodology for an executive from "Leap In!".
- Researched, collected, cleaned, and pre-processed the data from multiple resources like web and databases.
- Analysed and converted the data into actionable insights in the form of reports and directories using various data analytics tools
- Performed various statistical tests to identify the reliability of the data driven decision-making insights.

Data Analysis of Australian News   **May - 2020**

Skills and software: Python Pandas.

- This project focuses on retrieving the sentimental insights of Australian news over a decade.
- Sentimental analysis of Australian top news and its conversation to extract type of words used over the decade, using Python Pandas.
- Collected Australian news from ABC news website and pre-processed the data for further analysis.
- Visualisation of Australian news is plotted using python pandas in a jupyter environment.

Stocks Application Project   **Apr - 2020**

Skills and software: React, React.Native, JavaScript.

- Designed a sophisticated web and mobile application, which provides stock market statistics to users and available for both Android and iOS using React, React.Native, JavaScript.

Emotional word relationship with pre-trained Global vectors   **Oct - 2020**

Skills and software: Python Pandas.

- The project focuses on extracting the emotional pattern from a Daily Dialog corpus using Global vectors as a pre-trained model.
- Collected the dataset from an online library and pre-processed the data for analysis.
- Analysed the pre-processed datasets with the pre-trained GloVe model for accurate detection of emotions.
- Clustered six basic Ekman's emotions from the emotional corpus.

CERTIFICATIONS

Certified in C, C++ and Introduction to JAVA from ABC technology, *Bangalore.*

Online certification on HTML,CSS and PHP.