Harsh Pandya

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Education

Texas A&M University- Corpus Christi **Jan. 2020 – Dec. 2021**
Masters of Science in Computer Science *Corpus Christi, Texas*

Relevant Coursework: Mobile Software Development, Data Analytics, Machine Learning, Data Mining, Advance Operating Systems.

Gujarat Technological Universities **Aug. 2015 – May 2019**
Bachelors of Science in Computer Science *Ahmedabad, Gujarat, India*

Relevant Coursework: Data Structures, OOP with C++, JAVA, Python Programming, Software Engineering, Software Engineering, Design Engineering.

Experience

Graduate Research Assistant **Sept. 2020 – Present**
Texas A&M University- Corpus Christi *Corpus Christi, Texas*

- Maintain College of Business Webpage.
- Providing technical assistance to over 80 faculties, staff and students.
- Support classroom technologies.

Full-Stack Developer Intern **Jan. 2019 – July 2019**
Abhinam Chess Academy *Ahmedabad, Gujarat, India*

- Developed a website for the academy to manage students and teachers .
- Added functionalities as chess puzzles and a live player vs player chess match using stockfish chess engine.
- **Technologies:** Python, HTML, CSS, JavaScript, jQuery, SQLite, Django, StockfishJS

Technical Skills

Languages: Python, Java, JavaScript, C++, HTML, CSS, Android Programming
Frameworks & Libraries: Sciket-Learn, Pandas, Matplotlib, Django, Bootstrap
Databases: MySQL, Firebase, MongoDB, SQLite
Cloud Technologies: AWS
Developer Tools: VS Code, Eclipse, Google Colab, Android Studio, Excel
Operating Systems: Linux, Windows
Version Control: GitHub, Git

Projects

Tidal Prediction : *Python, Matplotlib, Scikit-Learn, Pandas* **December 2020**

- Performed analysis on the water level data of various water stations of Texas collected from NOAA Water level data, created a predictive model that can predict water level of those stations
- Created a regression model which predicts future 24 hours Water Level based on various factors that affect the tide to occur.

Hypothesis Testing on Covid-19 Cases : *Python, Matplotlib, Scikit-Learn, Pandas* **December 2020**

- Performed analysis on the Texas COVID data available on the official state website.

RideShare: *Java, Android Studio* **July 2020**

- Developed an Android application for carpooling that provides platform for rider to post their rides and those who needs it can communicate using the chatting platform provided by the application.

Achievements

SSIP Hackathon **Jan. 2019 – March 2019**

- SSIP Hackathon: Coordinated team and awarded as the finalists in a hackathon hosted by IEEE