SATWIK ENUKONDA

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EDUCATION

University of New Haven   **Jan 2023 - May 2024(Expected)**
Master's in Business Analytics, GPA: 3.64/4

Sreenidhi Institute of Science and Technology, Hyderabad, India.   **Aug 2018 – June 2022**
Bachelor of Technology in Computer Science and Engineering, GPA: 7/10.

SKILLS

- **Programming Language**: Python, Java, C, R
- **Database Technologies**: MySQL.
- **Tools and software :** Power BI, Tableau Desktop, Data visualization, Microsoft Excel, R Studio.

WORK EXPERIENCES

Programmer Analyst Intern at Cognizant, Hyderabad   **March 2022 - Dec 2022**

- Learned about various technologies, tools and programming languages used by the organization.
- Gathered comprehensive requirements for external projects within a release, performed analysis on these requirements, evaluated their impact, and documented the findings.
- Developed data access, storage, and validation routines on the database server using Procedural Language/Structured Query Language (PL/SQL).
- Established data mappings to transform the data based on business rules.

Application Developer Intern at Dhanush Info-tech, Hyderabad   **July 2020 - Sep 2020**

- The technical project aims to create a water delivery application that fulfills the client's specific requirements and specifications.
- Conducted a thorough requirement gathering process from the client, followed by requirement and impact analysis, and documented the gathered requirements.
- Utilized Android Studio and Google Firebase to develop a prototype for the application, enabling user data storage.
- Executed the establishment and deployment of data access, storage, and validation procedures on the database server through PL/SQL, resulting in a 40% reduction in data processing time and enhancing system reliability.
- Deployed the prototype to Dhanush info-tech for subsequent development stages.

CERTIFICATIONS

- Programming In Java -NPTEL CERTIFICATION BY IIT KHARAGPUR
- Introduction to Database systems - NPTEL CERTIFICATION BY IIT MADRAS

ACADEMIC PROJECTS

Analysis of disease gene association

- Novel computational techniques were proposed and investigated for identifying genes associated with diseases.
- The built model demonstrated an accuracy of 85%, surpassing other standard models that achieved an accuracy of 60%.
- Logistic regression, decision tree, random forest, and Naive Bayes were the models employed, each achieving an individual accuracy of 80%.

Credit card fraud detection

- A range of algorithms, including standard neural networks and deep learning models, were utilized to detect credit card fraud.
- Ada-boost and majority voting methods were implemented, resulting in an accuracy improvement from 70% to 94% and an efficiency increase of 15%.
- The MCC metric was implemented as a performance measure, taking into account true and false positive and negative predicted outcomes.

EXTRA-CURRICULAR ACTIVITIES

National Service Scheme(NSS) Executive Service at SNIST, Hyderabad   **2019 - 2021**

- As a member of the student executive council, I coordinated various events including blood donations, health camps, orphanage visits, cloth donations, and food distribution drives within the city.

- Additionally, I organized informative sessions to raise awareness on Various social issues.

Start Club Coordinator at SNIST, Hyderabad   **2019 - 2020**

- Orchestrated informative sessions aimed at empowering enthusiasts to excel and succeed in their respective fields of innovation.

- Arranged state-level workshops at SNIST (Sreenidhi Institute of Science and Technology).