

Theerthan D

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Education

Nrupathunga University

Sep. 2021 – Oct. 2024

*Bachelor of Science in Computer Science and Statistics
Bangalore, Karnataka*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

Prwatech

Data analyst Intern

- Created dynamic dashboards in Tableau and Power BI to visualize admissions trends and student demographics, resulting in a 20% improvement in business insights.
- Ensured data integration, quality control, and validation, leading to a 15% increase in reporting accuracy and decision-making efficiency.
- Led initiatives to reduce course prices, introduce new topics, and offer supplementary courses, boosting student engagement by 25% and retention rates by 30%.
- Monitored KPIs using Excel and CRM tools to track feedback, leading to a 10% improvement in business processes.

Projects

Gym Reservation Bot / Python, Selenium, Google Cloud Console

- Developed an automatic bot using Python and Google Cloud Console to register myself for a timeslot at my school gym.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

Ticket Price Calculator App / Java, Android Studio

- 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

- 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 accounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio

Technologies/Frameworks: Linux, Jenkins, GitHub, JUnit, WordPress

Interests

Fitness | Sports | Music

languages known

English | Kannada | Tamil | Hindi