Deepica Charugundla

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EDUCATION

AMRITA UNIVERSITY
B.Tech in Computer Science
May 2018 | Coimbatore, TamilNadu
Cum. GPA: 7.8/10

NARAYANA JUNIOR COLLEGE
XII-Standard
March 2014 | Guntur, Andhra Pradesh
Percentage: 95.8/100

GOWTHAM CONCEPT SCHOOL
X-Standard
March 2012 | Guntur, Andhra Pradesh
Cum. GPA: 9.7/10

COURSEWORK

UNDERGRADUATE
Cryptography
Operating Systems
Functional Programming
Networks

AREAS OF INTEREST

Database Management Systems
Data Structures

SKILLS

PROGRAMMING LANGUAGES
C, C++, Basic Java, HTML
SCRIPTING LANGUAGES
Python,LISP(scheme)
DATABASE MANAGEMENT
Oracle SQL,MySQL

EXPERIENCE

INFOSYS | Software Engineering Intern
Jan 2018 – May 2018 | Mysore, Karnataka

- **NEARME** - Created an end to end automated dashboard which helps the end user to identify the nearest required location. The dashboard has been automated using ETL processes (SSIS) and extracts the data from the server based on users request or queries. The dashboard not only helps the user to best identify the required places with the shortest distance but also provides flexibility to login as admin to make any internal changes to the tool.
- received training in Python Programming,MySQL,Networks,Software Engineering,Business Intelligence applications

PROJECTS

INTER CAMPUS TOURNAMENT
- A Web application that enables users to retrieve information about various matches according to their queries. Sessions are maintained for players. Webserver XAMPP is used.

WARDEN PORTAL
- An application that allows students to apply passes and get it issued on priority basis. Implemented in Python.

DHOBI MANAGEMENT
- A database which has the details of the customers and dhobis using C++. Uses python and Way2sms to notify customers.

CIPHER TOOL
- This is used to encrypt and decrypt any given text. It includes implementations of standard cipher techniques (Shift, Substitution, Vigenere, and Affine, Permutation, and Hill ciphers). The encryption technique could be chosen by user. If needed the key could also be changed. Implemented in C++.

ACHIEVEMENTS AND PARTICIPATION

- Worked as the "Event manager" for "MATLAB", which is a computer science workshop during "Anokha 2K17" (tech fest of Amrita School of Engineering).
- Active participant in coding challenges in codeforces.
- Learnt about various features of Bhuvan application at Bhuvan workshop conducted by ASCII.(Amrita School of Engineering)
- Attended Android Development Workshop conducted by ASCII(Amrita) and obtained hands on experience.

STRENGTHS

- Problem solving and Decision making
- Strong analytical reasoning
- Plays a vital role in the team
- Creating a positive work environment