Harshita Sharma

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Last updated: 8th December 2018

RELEVANT COURSEWORK

Computer Science & Mathematics

Algorithms, Data Structures, Operating Systems, Structured System Analysis and Design, IT Workshop(1 & 2), Introduction to Databases, Computer System Architecture, Cache Management & Memory Hierarchy, Graph Theory, Linear Algebra, Complex Analysis, Probability Theory.

Linguistics

Computational Linguistics 1, Phonetics, Phonology, Morphology, Syntax structures (X-bar, Phrase structure, UD), Sociolinguistics.

TECHNICAL SKILLS

OS

Linux, macOS, Windows

Programming and Scripting

C, C++(STL), Python, Bash, Assembly, JavaScript

Web

HTML5, CSS3, Node.js, ReactJS, Flask, VueJS, ExpressJS, Bootstrap.

Miscellaneous

Git, REST, Shell, Golang (Basic).

EDUCATION

2017-Present
Bachelor of Technology - Computer Science and Master of Science in Computational Linguistics by Research
International Institute Of Information Technology(IIIT), Hyderabad

2016- 2017
Senior Secondary, CBSE
St. Angela Sophia Sr. Sec. School
GPA(Major): 10.00

2014-2015
Secondary, CBSE
St. Angela Sophia Sr. Sec. School
GPA: 10.00

WORK EXPERIENCE

Aug 2018-Nov 2018
Web Developer, deScign   **MEVN stack**
Gamification for dataset curation - A game where users can login/signup, upload documents which are parsed for users to tag nouns as ingredients/reagents to obtain good quality datasets.

PROJECTS

Aug 2018
Linux C Shell   **System calls, C**
A linux like shell developed purely in C with all command sets and piping features along with foreground and background processing implemented and tested.

Sept 2018
Super Mario Terminal Game   **Python**
UNIX terminal game based on original Super Mario, purely developed in python without using any external libraries.

April 2018
Mobile money application   **Flask(Python), SQLite**
A web application to facilitate money transactions and maintain their log for different type of users including business owners.

Mar 2018
Space Invaders Terminal Game   **Python, Pygame**
Game based on original Space Invaders, developed in python using pygame.

POSITIONS OF RESPONSIBILITY

May 2018 - Present
Coordinator, Design Team, Felicity IIIT Hyderabad

April 2018 - Present
Coordinator, Art Society, IIIT Hyderabad

June 2018 - Present
Student Mentor, IIIT Hyderabad

Aug 2018 - Present
Member of Campus Life Committee, IIIT Hyderabad

2016 - 2017
Student Council President, St. Angela Sophia Sr. Sec. School