Samar Srivastava

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E-Resume available at : samarsrivastava.me

EDUCATION

B.Tech in Computer Science   2015 -
Dr. APJ Abdul Kalam Technical University
- CGPA of **7.35**/10 (Upto 5th Semester)

High School - RadhaBallabh Public School, Agra (CBSE) - 68.4%   2013 - 2015
Secondary School - St. Francis Convent School, Agra (CBSE) - 6.4 CGPA   2012 - 2013

EXPERIENCE

Freelance translator, Moravia IT
Worked with the Moravia IT Team to translate and transcribe various media formats. Used the Symfonie API over Apple iTunes for transcribing and translating.

Developer, ViseTax
Designed and created a website for a Chartered Accountant based in Agra

Developer, Gyan Jyoti 2018
Developed the website for annual college tech fest - Gyan Jyoti.

TECHNICAL SKILLS

Strongest Areas - Algorithms,Data Structures
Languages - C, Python, HTML, JS
Tools/Frameworks - Tkinter, Numpy, LaTeX, SQLite3, Git, Github, Pandas, PhoneGap, CSS, WordPress, WooCommerce, Bootstrap
Application Software - Burp Suite, Wireshark, Wifite, beef, Fluxion, Aircrack-ng
Operating Systems knowledge - Ubuntu17.04, Kali, Windows XP, Vista, 7, 8, 8.1, 10

RELEVANT COURSES

Data Structures and Algorithms, Operating System, Databases, Python3, Learning Machine Learning.

SELECTED PROJECTS

All software projects available on git : https://github.com/samacker77

- **CryptoVisor** : CryptoVisor is a windows application to maximize crypto-currency investment or trade by analysing the user amount and various cryptocurrency performances over previous 30 days that implements all major OOP concepts. Techniques like Greedy Approach, Branch & Bound were used to determine selection of a currency in contributing to the profit. CSV Files were used for storing statistics. Tkinter and Python were used for backend and frontend.

- **Certificate generator** : A certificate generator written in PHP and fpdf library that can be used to generate a single certificate as well as multiple certificates. The software generates certificates with QR code embedded on each certificate. The user can upload a CSV file of certificate holders and generate multiple certificates with a single click.

- **Python Script for Airbnb scraping** : A mini script that runs on terminal/cli takes location, check-in, check-out dates as inputs and return a list of hotels/rooms available with their respective prices.

- **Python script for BookMyShow movie listing** : A mini script that runs on terminal/cli takes location, time, and dates as inputs and return a list of available movie shows with their respective prices.

- **Mooshy** : Small yet beautiful CSS buttons library.

- **Drawller** : A bot capable of drawing figures and art based upon algorithms, controlled by Arduino UNO microcontroller.

ACHIEVEMENTS AND AWARDS

- Participated in Science Quiz organized by Aerial Delivery Research and Development Establishment, Defence Research and Development Organzation.
- Scored 69% in National Programming Aptitude Test organised by NPTEL.
- First prize in Zonal Level Tae-Kwon-Do Championship
- Acquired international rank of 3385, state rank of 402, class rank of 8 in $6^{th} International Olympiad of English Lang$
- Scored 72.2399(Language Conventions) in PSA test conducted by CBSE
- Scored 47.6321(Quantitative Reasoning) in PSA test conducted by CBSE

HOBBIES

Competitive Coding(ranked 1197 at Hackerearth, Watching sitcoms, Star Gazing, Editing Wiki Pages, learning new technologies