Suhas B Kowligi
GitHub: https://github.com/SuhasBk/
Bengaluru, Karnataka
E-mail: kowligi1998@gmail.com

Summary

Pursuing a Bachelor's degree in Information Science and Engineering. Currently seeking summer internships in any software engineering based company/startup.

Education

Nitte Meenakshi Institute of Technology
Bachelor of Engineering
Bengaluru, Karnataka
Enrolled August 2016
Current CGPA : 8.91

Sri Bhagawan Mahveer Jain College
Karnataka 2nd PUC
Graduated April 2016
Secured 91% in Physics-Chemistry-Math subjects.

Auden Public School
Karnataka Board SSLC
Bengaluru, Karnataka
Graduated April 2014
Secured 95.2% overall.

Professional Skills

Technologies used : BeauifulSoup, Flask, Selenium, Tkinter, pyttsx, SQLAlchemy, Android Studio, HTML, CSS, bash.

Programming languages : C, C++, Python

Academic Projects

Course Projects:

Movie Database Management:
A C program with file handling to add and view movies. Uses Python's Tkinter module to create a GUI for selecting seats. Implementation of text-to-speech feature with 'espeak' linux package.
Implementation of e-mail service using SMTP library in Python.

College Database:
Built a web server implemented with a database to query, view and edit information regarding college such as hostel details, department details, mess/canteen details etc. using Python's Flask framework and SQLAlchemy.

Omnet++ Simulator:
Designed a Wi-Fi network simulator where 6 clients connect to a server using an AP and also calculate the total throughput of each client with the help of INET framework.

JFLAP simulator:
Designed a Turing Machine simulator using JFLAP which accepts strings containing $\{a^n b^{2n} \mid n >= 0 \}$

Side Projects:

Personalized YouTube :

A side project / summer project that includes a Python script which fetches data such as title, views, likes, dislikes etc (without API's) from a YouTube video's URL and also provide an option to download or stream videos in VLC media player! Link to source code of above and my other side projects can be found on my GitHub profile provided in the link.

Amazon Alexa Skill:

Developed an Alexa skill which allows users to listen to a famous quote and also find meaning of a word. Backend support by a Flask server which accepts HTTP requests from the Echo devices.