HARINI SRINIVASAN

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EDUCATION

ANNA UNIVERSITY, Chennai, India May 2019

Bachelor of Engineering in Computer Science and Engineering
GPA: 8.72/10

DAV S.R. SECONDARY SCHOOL, Chennai, India

XII Percentage: 94.8% May 2015
X Percentage: 95% May 2013

WORK EXPERIENCE

Zoho Corporation, Chennai, India
Member Technical Staff May 2019 – Present

Developed customization options in the 'Reports' module of online accounting software 'Zoho Books'.
Refactored the design of Schedule III reports as per Government protocols.
Currently working on providing options to preserve user specific layout configurations and preferences.

SKILLS & CERTIFICATIONS

TECHNICAL SKILLS
Languages: C, C++, Python, SQL
Web Technologies: HTML, CSS, JavaScript, Bootstrap
Frameworks: Ember JS, Django

CERTIFICATIONS
Programming, Data Structures and Algorithms using Python - Udacity
Data Science, Deep Learning and Machine Learning with Python – Udemy
Intro to python for Data Science – Data Camp
ACM Summer School on Data Science at Goa

PUBLICATIONS

- Published a Survey on Privacy and security in IoT (Internet of Things) Publication description: International Journal of Innovations in Engineering and Technology, Feb 2017, ISSN: 2319 – 1058, Volume 8 Issue 1
- Presented a paper titled, IoT based smart bus transportation system for prevention of footboard accidents, at the International Conference on Advanced Information and Communication Technology, Feb 2018
- Published a Review of Big Data Computing and Cloud Publication description: International Journal of Pure and Applied Mathematics (Scopus Indexed), Mar 2018, p-ISSN: 1311-8080, e-ISSN: 1314-3395, Volume 118 No. 18 2018, PP 1847-1855
- Published a paper on an implemented model: Design of Smart Device for Healthcare and Road Safety Publication description: International Journal of Pure and Applied Mathematics (Scopus Indexed), Mar 2018, e-ISSN: 1314-3395, p-ISSN: 1311-8080, Volume 118, No. 18, 2018, PP 2481-2489.

ACADEMIC PROJECTS

Skill-set Recommender for Autism affected Children
Created a Vocational skill-set Recommender system for autism affected children using Machine Learning. Trained the system using Naïve Bayes algorithm on data collected from a survey, which identifies the skill of each child.

Farmer's Suite (F-Suite)
Developed a mobile application which uses regression models, Computer Vision techniques and Convolutional Neural Network to provide a suite of functionalities to farmers including crop suggestion, yield prediction and crop disease identification.

Classification of Malign masses of Mammography data
Developed a Machine Learning model, trained using Support Vector Machines algorithm on a mammography dataset to detect malign masses using features such as shape, size, age, etc.

Media Storage application using Django
Built a Web Application using Django framework that allows storage and retrieval of media such as photos and videos. This application is based on Representational State Transfer API for handling HTTP request/response.

Smart Jar
Designed and implemented an Internet of Thing (IoT) model to control and monitor a person's drinking habit by processing the data collected from appropriate sensors.

ACHIEVEMENTS

- Won the "Best Business Social Idea" award in a make-a-thon conducted by India Electronics and Semiconductor Association (IESA).
- Won the First position for my project F-Suite in a National Level Hackathon "SAACHAK"
- Secured first rank in my department in the 5th semester university examination