SRIKRISHNA SAMPATH KUMARAN

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ACADEMIC QUALIFICATION

Currently pursuing Bachelor of Technology (Computer Science and Engineering) from SRMIST, Chennai, slated for completion in May 2020; CGPA (up to sixth semester): 6.82/10

INTERNSHIPS/ INDUSTRIAL TRAININGS

Intern, RattanIndia Nasik Power Limited, Nashik (June15 – 29, 2018)

I did my industrial training in a 2700 MW coal based thermal power plant. In that period, I basically learnt about the DCS systems which were specifically designed for power plant purposes. These systems were used in a control room, and it uses software called "maxDNA" which controls the various processes of the power plant.

Intern, RattanIndia Nasik Power Limited Nashik (June 05 – 20, 2017)

I did my industrial training in a 2700 MW coal based thermal power plant. In that I basically learnt how the whole power plant works, and various subsystems in it.

RESEARCH/ACADEMIC PROJECTS

Title: Personalised Image Search System
Location: SRM Institute of Science and Technology, Chennai
Duration: July 2018 – October 2018
Team Size: 3 members
Brief Description: Based on User Preferences and the images uploaded by the user in this system, it maps together the user preference, the images and displays those images based on the keyword typed in the search option. Tools used: Java, JSP, JDBC for database connectivity etc.
Individual Role: I did the front end and back end development of the system.

Title: Railway Track Crack Detector.
Location: SRM Institute of Science and Technology, Chennai
Duration: June 2019 – October 2019
Team Size: 3 members
Brief Description: To determine the crack in a railway track using this detector, in which infrared rays are emitted from IR sensor to check for presence of crack. If this IR rays emitted are reflected back, then it is recorded in IR sensor as 1, which indicates that crack is present. Tools used: Arduino, Python.
Individual Role: I created the software and UML diagrams for the project

Title: City Classifieds
Location: SRM Institute of Science and Technology, Chennai
Duration: August 2019 – October 2019
Team Size: Sole member
Brief Description: You can view, display and search for classifieds information in this software by logging into the software using your user-id and password. Tool used: C#
Individual Role: I developed the complete software.

TECHNICAL SKILLS

C, C++, Java, C#, Python, R, Software development

AWARDS AND ACHIEVEMENTS

Quarter finalist in MMC Club Tennis tournament, MMC Club, Nungambakkam, Chennai (15/2/2019)

CERTIFICATIONS
- Convolution Neural Networks using Pytorch from Udemy (self – learning)
- Machine Learning A-Z: Data Science using Python and R from Udemy (self – learning)
- R Programming using Data Science from Udemy (self – learning)
- Introduction to Soft Computing from NPTEL (8 week course)

CO-CURRICULAR ACTIVITIES
- Attended one day workshop on Artificial Intelligence by Edify Techno Solutions, Ekkatuthangal Chennai (29/10/2019)
- Attended two-day workshop on web development using ReactJS by Institute of Engineering and Technology Chennai (17/9/2019)
- Participated in a two-day hackathon at HIET, Chennai (24/10/2017)

EXTRACURRICULAR ACTIVITIES
I play tennis everyday.

COMMUNITY SERVICE/ SOCIAL WORK
I volunteer for the Green Plantation campaign regularly.

DATE OF BIRTH: 27/03/1998

PASSPORT NUMBER: P5292339