

Sreekar Uppuluri

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EDUCATION

UNIVERSITY OF TEXAS AT ARLINGTON

MASTERS (MS)
COMPUTER SCIENCE
2020 – Present
GPA: 4.0 (1st semester)

SRKREENGINEERINGCOLLEGE
BACHELOR OF ENGINEERING (B.E)
ELECTRONICS AND COMMUNICATION
2012-2016
GPA: 8.34

COURSEWORK

GRADUATE

Data Analysis and
Modelling Techniques
Design and Analysis of
Algorithms
Operating Systems

UNDERGRADUATE

Probability and
Statistics
Linear Algebra
Advanced Calculus
Object-Oriented Programming
Databases and Operating-Systems
Data Structures and Algorithms

INDEPENDENT STUDY

Machine Learning
Deep Neural Networks
Word Embedding methods
Transfer learning
Natural Language Processing

SKILLS

PROGRAMMING

Java • Python • MATLAB
• Javascript • C

DATABASES

SQLServer • MySQL

TOOLS

Numpy • scikit-learn • Keras
• TensorFlow

EXPERIENCE

TATA CONSULTANCY SERVICES | SOFTWARE DEVELOPER

Jan 2017 – Nov 2019 | Hyderabad, India

- As a software developer, I was trained to work with projects involving Java, SQL and web frameworks like AngularJS, Spring, and Hibernate. Following are some of the important projects I worked on.

KAISER PERMANENTE

- I have worked on a base application called Common Archival and retrieval system(CARS), where we used to archive PDFs and retrieve them onto the respective front end application called CARSONLINE. In this application, I have worked on JAVA, SOAP Web Services, and SQL.

SERP (SCOIETY FOR ELIMINATION OF RURAL PROPERTY)

- I have worked on building dynamic web pages using ASP.net, where all the people who are eligible for government schemes can walk through the pages and come to an understanding of what all they can avail.

ALLIANZ GLOBAL INVESTOR (AGI) PROJECT

- I have worked on building java classes from scratch for various engines that are used to generate stock and investment charts.

CERTIFICATIONS

Neural Networks and Deep Learning • Improving Deep Neural Networks • Structuring Machine Learning Projects • Convolutional Neural Networks in Tensor Flow • Introduction to TensorFlow • Mathematics for Machine Learning • IBM Certified Application Developer

UNDERGRADUATE PROJECTS

SMART AQUACULTURE MONITORING SYSTEM

Smart Aquaculture presents a Monitoring system, to monitor the analog parameters and transmit these values to the base station where they can be read and compared with the set points.

LINE FOLLOWER ROBOT | PRESENTED AT NIT, TRICHY

I worked on a robot which uses IR sensors to differentiate the black line and white area to send a signal to the Arduino. Arduino processes the input signal and drives the respective motors.