Kunal Mehrotra

Computer Science Student

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TECHNICAL SKILLS

- Deep Learning - Machine Learning - Data Science - IoT - Web Development - Cloud Computing - Red Hat Administration

PUBLICATIONS

1. Siddhartha Dhar Choudhury, Kunal Mehrotra, Shashank Pandey, Christhu Raj M R, Rajeev Sukumaran, " Reducing Regression Time using Nth Absolute Root Mean Error", International Journal of Innovative Technology and Exploring Engineering, Vol 8, Issue 12, 2019.

2. Christhu Raj M R, Rajeev Sukumaran, Kunal Mehrotra, Siddhartha Dhar Choudhury," Stochastic Network Calculus for Loss Analysis and its effects of fading in acoustic networks for Underwater wireless communication", Journal of Information and Optimization Sciences, Taylor and Francis Publisher.

3. Kunal Mehrotra, Siddhartha Dhar Choudhury, Shashank Pandey, Christhu Raj M R, Rajeev Sukumaran, " Optimization of Neural Networks using Deep Genetic Network Algorithm", International Journal of Engineering and Advanced Technology. Vol 9, Issue 1, 2019.

4. Siddhartha Dhar Choudhury, Kunal Mehrotra, Christhu Raj M R, Rajeev Sukumaran, " An Efficient Neural Network Model by Weight Roll Algorithm", International Journal of Recent Technology and Engineering, Vol 8, Issue 4, 2019.

WORK EXPERIENCE

Research Assistant

BRNS (BARC) RESEARCH LAB
DECEMBER 2018 - PRESENT

- Working on deep learning projects.
- Detecting explosive in baggage using computer vision and deep learning.

Student Intern

BOLT IOT
NOVEMBER 2018 - JANUARY 2019

- Promoting Bolt IoT WiFi module.
- Understanding importance of drip campaigns.
- Conducting webinars related to deep learning and IoT.

Ground Station Software Developer at OBC(On Board Computer Systems)

SRMSAT-2 (SATELLITE PROGRAM
SEPTEMBER 2016 - JANUARY 2019

-Our primary objective of this mission was to correlate the different subsystems present in the cube satellite.
-Developing a centralized subsystem for interdomain connectivity
-Understanding the payload and requirements of other systems.

Artificial intelligence Project Intern

WIPRO LIMITED

-Worked on an email classifier system for the employees of Wipro
-Using voice recognition techniques in natural language processing present in Microsoft's Azure machine learning services.

Web Developer

ACME IN TECH
-Worked on a live project on Shopify mainly in Laravel a php framework.
-Team management and coordination among team members

EDUCATIONAL INFO

SRM Institute of Science and Technology

B.TECH IN COMPUTER SCIENCE AND ENGINEERING
- Expected gradation date: May 2020
- CGPA - 8.1/10 ~ 85.93%

Seth Anandram Jaipuria School

12TH AND 10TH
March 2015 - March 2016
Percentage - 92% (12th grade)
Percentage - 95% (10th grade)

ACHIEVEMENTS

Gold Medal for Best Paper (Deep Genetic Network)
RESEARCH DAY, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

Intel-Udacity Scholar 2019
INTEL® EDGE AI SCHOLARSHIP

Udacity-Facebook Scholar 2019
UDACITY SECURE AND PRIVATE AI SCHOLARSHIP

Certificate of Merit for best Project In Physics in Tecknow
DEPARTMENT OF PHYSICS AND NANOTECHNOLOGY SRM IST

PROGRAMMING LANGUAGES

- Python - Kotlin - C - C++ - C# - Java - HTML - CSS - Javascript - PHP - SQL

FRAMEWORKS

- Flask - Django - jQuery - Bootstrap - Node.js - Tensorflow - Pytorch - Keras - Numpy - Pandas - Matplotlib