

ELANGORAJ THIRUPPANDIARAJ

Artificial Intelligence | Data Science

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in ElangoRaj Elangoraj

EDUCATION

MSc Data science with Artificial Intelligence

University of Exeter

Expected: 1:1

Oct 2020 – Aug 2021

Exeter, UK

- Highly technical degree with an understanding of mathematical concepts, programming skills, deep learning skills (computer vision, natural language processing), and the ability to process, analyze, and visualize data.
- Research work focusing on super-resolution (2x and 4x images) of remote sensing images differing in Scenes(Agriculture, Buildings, Water, etc), time(Day, Night), and weather(Clear, Snow) using SRCNN architecture.

B.E Electronics and communication engineering

St. Joseph's College of Engineering

Score: 2:1

July 2011 – May 2015

Chennai, India

- Gained engineering knowledge in mathematics, science, and engineering fundamentals to solve complex problems.

CAREER TO DATE

Research Intern

Intelligent AI

Apr 2021

Exeter, UK

- Developed a Computer vision model to detect scenes from Satellite images to classify, 10 different classes such as river, residents, forest, highways etc.

Python

Computer Vision

Docker

Pytorch

Tensorflow

Module Lead (Project: Hindustan Unilever)

Mindtree

Jan 2018 – Sep 2020

Chennai, India

- In the retail industry, our client wanted to improve their sales in the General Trade Ecosystem that required the right products to move to the right outlets at the right time, increasing the On-self availability of their products, and maintaining the old ones.
- We have designed and implemented product recommendations using a Deep Neural Network DNN model, which resulted in an accuracy of 80% and increased sales.
- Has acquired multiple skills across technology such as programming, deep learning, cloud computing, big data, and data preparation.

Python

Deep Learning

AWS Redshift, Sage maker, EMR, S3

NLP

GCP BigQuery, Looker

Spark SQL

Statistics

Senior Engineer (Project: IGG)

Mindtree

Jan 2016 – Dec 2017

Bangalore, India

- Work involves a complete data lifecycle management right from cleaning the raw data, processing it using ETL tools, and store it in readily available tables to build reports.
- Has acquired skills to handle data, steps involved in preprocessing it, automation of jobs, and creating effective, appealing charts.

MySQL

PowerBI

Pentaho(ETL)

SQLite

Data warehouse

ACHIEVEMENTS



Pillar of Mindtree 2018

Consistently Top-rated for 2 consecutive years, in the Top 5% of the workforce.



Outstanding performer 2017,2018 and 2020

Worked closely with the client in providing good analytics and reports. Constructed sessions and group discussion for Statistics and Machine learning.

Strategic thinking

Decision Making

Leadership

Work Ethic

Mentoring



Best Project 2019

Our Deep learning model for product recommendations was highly accurate, resulting in increased revenue to the client.

Teamwork

Project Management

CERTIFICATIONS

- Deep learning Nanodegree from Udacity
- Machine learning, Natural Language Processing from Coursera
- Certified PowerBI (Edx) and Python (Edureka) developer

EXTRA-CURRICULAR

Captain of school and college Football team

- Led the team to two successive season zone level finals and college champions in 2014.

Voluntary experience

- Mentorship to students doing UG and graduates in the field of data science.
- Contributions to Greenpeace NGO bringing awareness to protect our environment.

OTHER INTERESTS

Exploring

Badminton

Psychology

REFERENCES

in Keerthi Kumar, Senior Data Scientist
in Nagarajan Chinnasamy, Technical Architect