

DEEPAK NAYAK

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• D.O.B : 03/09/1994



MOTIVATION

An enthusiastic, adaptive and fast-learning person with a broad and acute interest in the discovery of new innovative drugs, I particularly enjoy collaborating with people from different disciplines to develop new skills and solve new challenges.

EXPERIENCE

Artificial Intelligence Engineer

Great Wall India Research and Development

📅 June 2018 – Ongoing 📍 Bangalore, India

- Currently working on camera based 2D and 3D tracking.
- Worked on image based object detection (2D, 3D), colour recognition using openCV and deep learning techniques.
- Have experience working on 3D point clouds for object detection.
- Worked on building a tracker tool for annotation.

Research Intern

Ericsson Research and Development

📅 June 2017 – June 2018 📍 Bangalore, India

- Worked on development of a system, leveraging data mining and machine learning aspects to big telecommunication alarm data in order to generate incidents using streaming approach viz., use alarm patterns as rules to generate incidents using streaming based system.

EDUCATION

M.E. in Big Data and Data Analytics

Manipal Academy of Higher Education

📅 August 2016 – June 2018

B.E. in Computer Science

Shri Madhwa Vadiraja Institute of Technology and Management

📅 August 2012 – June 2016

ACADEMIC PROJECTS

- Worked on developing a predictive model, for the data collected from the patients by PHILIPS Health Care, Bangalore, to predict the presence of chronic kidney diseases.
- Implemented a model, that helps in predicting the length of stay of patients admitted for "Acute Myocardial Infarction".
- Build a model for analysis of child mortality rate in developed, developing and geographical areas based on data collected by UNICEF.

PUBLICATIONS

- Anoop.M, Deepak.N. Varun.M and Mahesh.BJ et al.: "Analysis of Automated Log Template Generation Methodologies" at International Conference on "Artificial Intelligence and Data Engineering 2019 (AIDE 2019), may 23-24 2019.

TECHNICAL SKILLS

Python R Shell Script C++

Machine Learning Computer Vision

Deep Learning Data Analytics

Artificial Intelligence

ROS

UNIX Mac Windows

EXTRA CURRICULAR

- Participated in AUTONUE challenge 2018, conducted by IITH for "Scene Understanding Challenge for Autonomous Navigation in Un-structured Environments", secured 6th place in the semantic segmentation benchmark.
- Participated in faculty development programme on "Big Data Hadoop Analytics" in January 2017.
- Presented a poster on "Unicef Child Mortality Data Analysis" in December 2016 at MIT Manipal.
- Participated in faculty development programme on "Virtualization for Big Data Systems" in December 2016.
- Participated in "Hackabout 2016 (Data Analytics Hackathon)" in September 2016 at MIT Manipal.
- Participated in workshop on "Digital Image processing using MATLAB" in January 2015 conducted by TechTalks Systems.
- Secured Second Place in technical quiz competition conducted by ISTE, student chapter in Sept 2014.
- Participated in State level Basket Ball competition.

LANGUAGES

English
Kannada
Hindi



HOBBIES

Basket Ball Badminton Swimming

Chess Painting Gardening

Kaggle