

Sagar Kar

M: 9085986905 / 7002086905

mail: sagarkar10@gmail.com || website: sagarkar10.github.io

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR

B.TECH IN COMPUTER SCIENCE & ENGINEERING

Aug 2014 - May 2018 | Silchar, Assam
CGPA: 8.07

SRIMANTA SHANKAR CADEMY, GUWAHATI

HIGHER SECONDARY | SCIENCE

94.2% | Board: CBSE

S.P.E.M.H. SCHOOL, DHUBRI

PRIMARY+SECONDARY EDUCATION

91.8% | Board: SEBA

COURSEWORK

UNDERGRADUATE

Data Structures
Discrete Structures
Object Oriented Design
Programming Language C/C++
(Teaching Asst)

MISC

Machine Learning and Data Analysis
Deep Learning
NLP by Stanford University
Image Processing
Shell Programming

CERTIFICATES

Machine Learning Foundations: A Case Study Approach by University of Washington [view](#)
Machine Learning by Stanford University [view](#)
Neural Networks and Deep Learning by deeplearning.ai [view](#)
Intro to Machine Learning : Google
AWS Machine Learning

INTERESTS

Data-Science • Big-Data • Machine Learning • Development-Operations
• Algorithms • Programming Challenge
• Gesture/Image recognition

SUMMARY

Self driven and highly motivated data science enthusiast with professional experience in Machine Learning and Data Science. Exposure to Deep Learning techniques, currently building building end-to-end product pipelines in Computer Vision. Looking for a challenging role that would improve my analytic and development skills.

EXPERIENCE

SIGTUPLE | AI ENGINEER

June 2018 - Present | Bangalore, Karnataka

- Automated Visual Analysis of bio-fluid screening and predictive modeling for generating medical reports.
- Microscopic Cell identification and tracking using Artificial and Deep Neural Networks.
- Research on finding new and innovative solution for monitoring trends in microscopic imagery of body fluids

NOTIONINK | DNN AND AI INTERN

May - July 2017 | Bangalore, Karnataka

- Worked in Computer Vision developing state-of-art object recognition model for the ARM-architecture and Intel platforms
- Trained and tested model for low processing CPU's to replicate the bench-marked results and achieved almost 10 percent more efficiency
- Implemented Darknet's YOLO for ARM (aarch_64_v8.2), debugged the cross platform application

PRICEBOARD.IN | DATA SCIENCE AND DEVOPS INTERN

May - July 2016, Dec 2017 | Guwahati, Assam

- Contributed and monitored the open source project **AWS-ELK-BILLING** ([click here](#)), and was able to get over 100 stars in github in less than 2 months.
- Worked on elasticsearch to increase the product search accuracy and also implemented Machine Learning to make email-recommending system.
- Build Product Categorization using TensorFlow and Neural Network to categorize e-commerce products.

COMPUTER SCIENCE SOCIETY, NITS | TEACHING ASSISTANT

HACKERRANK & HACKEREARTH | CAMPUS AMBASSADOR

FREELANCING PROJECTS

RESUME CLASSIFICATION | NLP AND ML DEVELOPER

AUDIO TRANSCRIBER | NLP ENGINEER

SOIL ANALYSIS AND CROP YIELD PREDICTION | AI ENGINEER

E-COMMERCE PRODUCT CATEGORIZATION | ML ENGINEER

TOOLKIT

Most Preferred: • Python C • C++

Experienced: Matlab • Shell-script • JavaScript • HTML5 • CSS3

Familiar: R • Java • PHP • \LaTeX

Libs/Envs: Scikit-Learn • TensorFlow • Keras • Caffe • Docker • BLAS • Arm-Compute • Intel MKL