

Sagar Kar

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR

B.TECH IN COMPUTER SCIENCE & ENGINEERING

Aug 2014 - present | Silchar, Assam
CGPA: 8.13 (upto 6th sem)

SRIMANTA SHANKAR CADEMY, GUWAHATI

HIGHER SECONDARY

Apr 2012-Mar 2014 | Guwahati, Assam
Stream: Science
Elec: Computer Science
94.2% | Board: CBSE

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

PRIMARY+SECONDARY EDUCATION

Jan 2000 - Mar 2012
Dhubri, Assam, India
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
SDL2 (C/Py Game Development)
Unix Tools and Scripting
Ethical Hacking
Web Development

CERTIFICATES

Machine Learning Foundations: A Case Study Approach by University of Washington [view](#)
Machine Learning by Stanford University [view](#)

LINKS

LinkedIn:// [sagarkar10](#)
StackOverflow:// [sagarkar10](#)
SPOJ:// [sagarkar10](#)
HackerRank:// [sagarkar10](#) (CA)

OBJECTIVE

To enhance my programming, communication and teamwork skills and thereby gain experience in data science, Machine Learning and software development abilities working on challenging tasks.

EXPERIENCE

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
- 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
- Got working experience with remote GDB in cross compilation on X15 and Raspberry Pi
- Used Arm-Compute Library, Intel-MKL library for accelerating the computing efficiency on the ARM-architecture, Intel

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

Aug 2015 - present | Silchar, Assam

- Supported over 50 first year students with C/C++ programming language under the direction and guidance of teachers, using lectures and assignments.

HACKERRANK & HACKEREARTH | CAMPUS AMBASSADOR

May 2015 - present | Silchar, Assam

- Participated actively in these websites for Coding Competitions and other programming events to gain experience and sharpen my skills and Managed their official pages

SKILLS

Most Preferred: C • C++ • Python
Experienced: Matlab • Shell-script • HTML5 • CSS3 • JavaScript
Familiar: R • Java • PHP • \LaTeX
Libraries and Environments: Scikit-Learn • TensorFlow • Docker • BLAS • Arm-Compute • Intel MKL

INTERESTS

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