

# Sagar Kar

M:9085986905

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

## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR

#### B.TECH IN COMPUTER SCIENCE & ENGINEERING

Aug 2014 - present | Silchar, Assam  
CGPA: 8.39 (upto 4th 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.

## EXPERIENCE

### PRICEBOARD.IN | INTERN

May - July 2016 | 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.
- Used Docker architecture to construct the entire stack for the project.
- Integrated continuous testing using TravisCI and made the project more test friendly.
- Worked on elasticsearch to increase the product search accuracy(SEO) and also implemented Machine Learning to make email-recommending system.
- Parsed and Scrapped data for Analysis and Machine Learning from various e-commerce websites like flipkart, amazon, snapdeal.
- Learnt many new things while working like AWS services, packaging code, Database interaction, Server handling, etc.

### COMPUTER SCIENCE SOCIETY, NITS | TEACHING ASSISTANT

Aug 2015 - present | Silchar, Assam

- Supported first year students with C/C++ programming language under the direction and guidance of teachers, using lectures and assignments.
- Tutored over 50 students in a large group setting to help them master assignments and reinforce concepts.

### 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.
- Managed official pages for both the organisations for publicity, development and co-ordinations among other Campus-Ambassadors.

### TECHBHARAT & CSS, NITS | CO-ORGANISER

#### ETHICAL HACKING AND NETWORKING WORKSHOP

20-21 Sep 2014 | Silchar, Assam

- Aimed to raise awareness of ethical practices in the computer science field to fellow peers.

## SKILLS

### TECHNICAL

Most Preferred: C • C++ • Python  
Experienced: Matlab • SDL • Shell-script • HTML5 • CSS3 • JavaScript  
Familiar: R • Java • PHP •  $\text{\LaTeX}$

### SOFTSKILLS

Positive Attitude • Proactive • Strong communication skills • Quick and Voracious Learner • Passionate & Friendly • Teamworker

## INTERESTS

DataScience • BigData • Machine Learning • Development-Operations • Algorithms • Programming Challenge • Gesture/Image recognition