

# Sagar Kar

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## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR

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

Aug 2014 - present | Silchar, Assam  
CGPA: 8.32 (upto 3rd sem)

### SRIMANTA SHANKAR ACADEMY, 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  
Dynamic Programming  
Discrete Structures  
Object Oriented Design  
Programming Language C/C++  
(Teaching Asst)

### MISC

Machine Learning (coursera)  
Algorithm Design and Analysis  
Python 3.4  
SDL2 (C/Py Game Development)  
Unix Tools and Scripting  
Ethical Hacking  
Web Development

## LINKS

LinkedIn:// [sagarkar10](#)  
StackOverflow://[sagarkar10](#)  
SPOJ:// [sagarkar10](#)  
HackerRank://[sagarkar10](#) (CA)  
HackerEarth://[sagarkar10](#) (CA)  
Twitter:// [@dsagrakar10](#)

## OBJECTIVE

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

## EXPERIENCE

### 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.
- Graded homework and tests and computed results.
- Tutored over 50 students in a large group setting to help them master assignments and reinforce concepts.

### COMPUTER SCIENCE SOCIETY, NITS | TECHNICAL MEMBER

June 2015 – present | Silchar, Assam

- Organised various conference activities across all CSE weekends to nurture the spirit and raise awareness for the greater student body.
- Provided technical support during CSE weekend gatherings to ensure all events/programs runs smoothly.

### HACKERRANK & HACKEREARTH | CAMPUS AMBASSADOR

May 2015 – present | Silchar, Assam

- Participated actively in these websites (also in SPOJ, topcoder, codechef) for Coding Competitions and other programming events to gain experience and sharpen my skills.
- Managed official pages for both the organisations for publicity and co-ordinations among other Campus-Ambassadors
- Helped getting more Programmers from campus to sign up and participate in competitive programming and got acknowledged for the effort.

### 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.
- Increased participants by 40% versus goal.
- Provided information on workshop to students via telephone, e-mail and in-person.

## SKILLS

### TECHNICAL

Over 5000 lines: C • C++

Over 1000 lines: Python • Matlab • SDL • Shell-script • HTML5 • CSS3 • JavaScript  
Familiar: R • Java • PHP •  $\text{\LaTeX}$

### SOFTSKILLS

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

## INTERESTS

DataScience • BigData • SoftComputing • Algorithms • Programming Challenge  
• Gesture/Image recognition • Game Development