

# Shaurya Chaturvedi

<http://shauryachats.github.io>  
shauryachats@gmail.com | +918745810142

## LINKS

Github:// [shauryachats](#)  
LinkedIn:// [shauryachats](#)  
StackOverflow:// [shauryachats](#)  
Quora:// [Shaurya-Chaturvedi-1](#)

## COURSEWORK

### UNDERGRADUATE

Algorithms  
Data Structures  
Computer Graphics  
Computer Systems Organization  
Operating Systems

### SELF

Machine Learning  
Deep Learning  
Computer Vision  
Unix Tools and Scripting

## SKILLS

### PROGRAMMING

Fluent:

C++ • C • Python

Familiar:

HTML • CSS • JavaScript • Java •  
Octave • MATLAB • Android • NodeJS •  
MySQL •  $\text{\LaTeX}$

### FRAMEWORKS

Flask • jQuery • OpenGL •  
Tensorflow • Keras • PyTorch

### TOOLS

vim • sublime • gdb • git

### OPERATING SYSTEMS

Linux • Windows

## INTERESTS

- Competitive Programming
- Badminton
- Reading

## EDUCATION

### NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

B.E. IN COMPUTER ENGINEERING

Expected Jun 2019 | New Delhi, India

Cum. GPA: 8.53/10

### ST. XAVIER'S SR. SEC. SCHOOL

AISSCE (CLASS XII)

2015 | New Delhi, India

96.2%

AISSE (CLASS X)

2013 | New Delhi, India

Cum. GPA : 9.2

## PROJECTS

### EMOMORPH

An architecture consisting of a single deep convolutional encoder and multiple shallow convolutional decoders for efficient emotion transformation.

### GRAPHER

Winter Project | COE-220

An android application which plots mathematical graphs of implicit functions, by parsing the function using Polish notation.

### CHEFCOMPARE

A web application written in Python aimed to compare user statistics such as rankings, problems solved and submissions between two CodeChef users.

### WAVEGAN

Implementation of a Generative Adversarial Network for raw audio synthesis in an unsupervised setting, based on the paper "Synthesizing Audio with Generative Adversarial Networks" by Donahue et al.

## AWARDS

2018	Top 4 worldwide	Ericsson Innovation Awards, 2018
2017	Round 2	Facebook Hacker Cup
2017	3rd /100+	Code Golf, Cogenesis (DTU's techfest)
2016	2nd/150+	Code In Less, Esya (IIIT-D's techfest)
2015	Finalist	Indian National Olympiad of Informatics (INOI)
2015	Top 0.4%	JEE Mains
2015	Top 1%	CBSE 2015 AISSCE
2014	2nd	Debugging, Exun (DPSRKP's techfest)
2014	3rd	Programming, Exun (DPSRKP's techfest)

## POSITIONS OF RESPONSIBILITY

- Vice President of Abacus (Tech Club of Xavier's), 2014
- Head of Programming of Interface (Tech Fest of Xavier's), 2014