



Tarun Sharma

📍 21, Murlipura, 302039 Jaipur, India

✉️ 1starun8@gmail.com

☎️ 7993267390

🔗 tarshar.com

in <https://www.linkedin.com/in/t-sharma/>

🌐 <https://github.com/tarun-ssharma>

📄 ABOUT ME

Puzzles dazzle me. Neuroscience, physics and design of everyday things fascinate me. I can do some programming.

🎓 EDUCATION

Bachelors in Technology
Indian Institute of Technology, Guwahati [🔗](#)

2013 - 2017

GPA: 8.13/10

Major: Computer Science

Courses: Data Structures, Algorithms, Engineering Mechanics, Economic Theory, Hardware Lab, Operating System, Computer peripherals and interfacing, Data Communication, Networks, Game Theory, Intelligent Systems, Artificial Intelligence, Computer Vision using ML

Senior Secondary Education
Step by Step High School [🔗](#)

2011 - 2013

📁 PROFESSIONAL EXPERIENCE

Software Developer

Dehaat [🔗](#)

08-2020 - present

Contributing to backend for developing an end-to-end solution for Indian farmers involving multiple verticals in a hub-spoke distribution model.

Remote Machine Learning Intern

Mentorz [🔗](#)

2020

Researched and compared tools and techniques for developing a voice recognition engine to simplify certain tasks for Mentorz platform users.

Application Developer

Oracle India Pvt. Ltd. [🔗](#)

2017 - 2019

- Developed useful features for an e-commerce product using technologies like SQL for DB2, Javascript, Java, Jmeter etc.
- Developed a complete functional replica of an application feature from scratch and used it to identify bottlenecks and improve overall performance and user-experience.

Application Developer Summer Intern

Goldman Sachs [🔗](#)

2016

Solved a problem centering around database changes overload using tools like ORM, messenger queues, Rule engines etc. in Java.

SKILLS

Python

core, pandas, sklearn, scipy, numpy, tensorflow, pytorch, pygame, mesa, pymunk, matplotlib

C

Arduino

Programming

C++

Java

Git

Javascript

p5js, ml5js, paperjs

Databases

SQL, DB2, MongoDB, PSQL



VOLUNTEERING

- Part of Evidyaloka's pilot project called SEL, working to improve cognitive and socio-cultural skills in high school children.**
- Teaching science to 6th grade kids as a member of Evidyaloka.**
- As part of IITG's Social Service Club's campaign, taught and mentored high school students of a local public school.
- Participated in a recycling campaign for notes and old papers from different hostels on our college campus at IITG.

** Active at present.

ACADEMIC PROJECTS

Emotion recognition from typing patterns

Guided by: Prof. Samit Bhattacharya, IITG

Developed a typing app to collect typing data and analyzed it to try and recognize emotional state of the user, in a non-invasive way, and use that information to improve user experience in real time.

Compiler for a C-like language

Guided by: Prof. Arnab Sarkar, IITG

Developed lexical and syntax analyzer for a language with given features (a subset of the C language).

IITG Hospital Management System

Guided by: Prof. P. K . Das, IITG

- Worked on the campus Hospital management system (a group project of 36 members)
- developed a dynamic notice board and a dynamic faq page.



HOBBY PROJECTS

Visit: <http://blog.tarshar.in/>



AWARDS

IIT-Joint Entrance Examination 2013

Secured an All India Rank of 1035 among 1,26,000+ appeared students in IIT-JEE,2013

KVPY Fellowship 2013-14

Selected for KVPY fellowship by Dept. of Science and Technology, Govt. of India,2013.

NTSE Scholarship 2008-09

Was awarded the NTSE scholarship in 2009 by NCERT, India.