

DHRUV SOMANI

Surat, India

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EDUCATION

B. Tech., Indian Institute of Technology, Guwahati

2020 - Expected 2024

Major in Computer Science and Engineering

CPI: 9.57/10

Minor in Robotics and Artificial Intelligence

Sanskartirth Gyanpeeth School, Surat

2018 - 2020

Higher Secondary, CBSE Board

95.2%, School Rank 1

EXPERIENCE

Backend Software Engineer

June 2021 - Present

Student's Web Committee, IIT Guwahati

Developed a hostel return and application portal with Django. Integrated the codebase and assisted team members with code review. Wrote modules for authentication, form validation and database storage.

Software Engineer at coala

October - December 2018

Google Code-in

Selected as a finalist out of 3000+ programmers for exceptional contributions to open source. Worked in a collaborative environment and contributed to coala - an open-source language analysis toolkit and sister projects. Added multiple features, enhancements and unit tests and improved overall code quality.

Competitive Programmer

2017 - Present

Ranked Master on Codeforces and rated 2186. Secured top ranks in many programming competitions which involve the conception and implementation of time optimized and memory efficient algorithms.

ACCOMPLISHMENTS

- **Represented India** and won a **Bronze Medal** at the Asia-Pacific Informatics Olympiad, 2018.
- Attained a rank in top 30 in Indian National Olympiad in Informatics in 2018 and 2019 and ranked 8th at the **International Olympiad in Informatics Training Camp**, Chennai.
- Achieved All India Rank 699 in the JEE Advanced examination among 150,000 candidates.
- Selected as a **Reliance Foundation Scholar** in Artificial Intelligence and Computer Sciences, 2020.
- Secured a rank in **top 30** in Gujarat in the Regional Mathematics Olympiad in 2016 and 2017.
- **Global Rank 43 & 77**, Google Kick Start, 2021
- Qualified for **Round 3** in Google Code Jam
- 26th Rank in ICPC Amritapuri Regionals, 2021
- Kishore Vaigyanik Protsahan Yojana Scholar

TECHNICAL SKILLS

Programming Languages

C, C++, Python and MATLAB

Programming Skills

Data Structures and Algorithms, Problem Solving, Stress-testing, Object Oriented Programming, Database Handling, Unit-testing

Web Technologies

Django, SQL, HTML, CSS and JavaScript

Frameworks and Libraries

NumPy, pandas, scikit-learn, requests, BeautifulSoup

PROJECTS

Competition Management System

April 2019

Successfully developed and deployed a complete competition management system in Python with a user-friendly, Tkinter based GUI and SQLite integration to manage participants, teams and scores for an onsite event with 300+ participants. Also, created a Django project to host the leaderboard live online.

Statik

October - December 2018

Multipurpose static website generator aimed at web-developers, which allows custom data models. Worked on multiple features including view and template auto-generation and added unit tests.