DHRUV SOMANI

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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
Worked on a hostel return and application portal. 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 rich, user-friendly, Tkinter based GUI and SQLite database integration to manage participants and scores for a live onsite event with 300+ participants. Also, added a Django project to host the live leaderboard 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.