Siddharth Srivastava

B.Tech
Computer Science Engineering
India Institute of Technology, Patna

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EDUCATION

Indian Institute of Technology, Patna　　　　　　　　　　**Nov. 2022 – May 2026(expected)**
Bachelor of Technology in Computer Science　　　　　　　　　　*CGPA: 9.30*

St. Mary's Orthodox School,Kanpur　　　　　　　　　　**Jun. 2019 – May 2021**
Indian School Certificate Examination　　　　　　　　　　*Percentage: 98.8%*

St. Mary's Orthodox School,Kanpur　　　　　　　　　　**Apr. 2016 – April 2019**
Indian Certificate of Secondary Education　　　　　　　　　　*Percentage: 96.8%*

ACCOMPLISHMENTS

Expert on **Codeforces** with max rating **1633**. **Profile Link**.
3 Star Coder on **Codechef** with max rating **1742**. **Profile Link**.
Secured a global rank of **257** in **CodeChef Starters 118(Div. 2)** among **3,000+** active participants.
Secured a global rank of **152** in **CodeChef Starters 89(Div. 3)** among **1,700+** active participants.
Secured a global rank of **428** in **Codeforces Round 925(Div. 3)** among **14,000+** active participants.
Secured a global rank of **1227** in **Codeforces Round 923(Div. 3)** among **15,000+** active participants.
Solved **1000+** problems on **Codeforces**, **Codechef**, **Leetcode** and various other online judges
Secured an All India Rank of **4603** out of more than **9** lakh candidates in **JEE Mains 2022**.
Secured an All India Rank of **2406** out of more than **1.5** lakh candidates in **JEE Advanced 2022**.

PROJECTS

IIT Patna Faculty Recruitment Portal　　　　　　　　　　**Source Code**
Languages/Framework/Database used:HTML,CSS, Javascript,PHP,MYSQL
- A website developed for the recruitment of faculty at IIT Patna. It takes all the academic and personal details of the applicant and provides options for login,signup,and password recovery.

Assembler and Emulator　　　　　　　　　　**Source Code**
C++,File Handling
- Developed an assembler that turns a high level language code to machine code , and detects errors if any. Also developed an emulator that executes the machine code generated from the assemler . The above two programs generate an object file, a listing file and a log file.

SKILLS / RELEVANT COURSEWORK

Programming/Development Languages/Tools/Operating Systems: C/C++, JavaScript, MySQL, HTML, CSS, familiar with Object Oriented Programming (OOPs),MongoDB, Node.js,PHP

Courses: Data structures and Algorithms,Discrete Mathematics,Optimization Techniques,Database Management Systems,Software Lab and Tools,Theory of Computation, Probability Theory and Random Processes,Macroeconomics.

EXPERIENCE / EXTRACURRICULAR

Competitive Programming, NJACK(Computer Club)　　　　　　　　　　**IIT Patna**
Sub-Coordinator　　　　　　　　　　*Aug. 2023 – Present*

- Orchestrated multiple **online intra-college coding competitions** at IIT Patna.

- **Conducted educational sessions** with fellow sub-coordinators on topics crucial for Competitive Programming.

- **Conducted problem discussion sessions** with fellow sub-coordinators for Codeforces and CodeChef rounds, fostering a collaborative and supportive learning environment.

Team Phoenix(Robotics Society)　　　　　　　　　　**IIT Patna**
Core Team Member　　　　　　　　　　*Aug. 2023 – Present*
- Developed algorithms that are hosted on AVR Microcontrollers for efficient and effective locomotion of autonomous robots which was hosted and monitored using a webserver