

# Sahil Singh

## Curriculum Vitae

D-404, Azad Hall  
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### Interests

Algorithms, Graph Theory, Game Theory, Competitive Programming

### Education

- 2017-Present **Bachelor of Computer Science & Engineering**, *Indian Institute of Technology, Kharagpur.*  
GPA **9.13/10**, (*currently pursuing*).
- 2015-2017 **Higher Secondary Examination**, *Shiv Jyoti Senior Secondary School, Kota, CBSE.*  
GPA **90.60%**.

### Academic Honours & Awards

- Qualified for **ACM ICPC** Onsite Regionals - Part of the Best ranked Sophomore team (ICPCID)
- Secured All India Rank - **223** in the Joint Entrance Examination (JEE) Advanced, 2017
- Secured All India Rank - **94** in the Joint Entrance Examination (JEE) Main, 2017
- **99.9** percentile in National Standard Examination in Physics conducted by IAPT

### Projects

- Open-IIT **Inventory Management for a Healthcare firm**, *Data Analytics.*
- Data Analytics  
2018 Bronze Medal
  - Implemented **ARIMA** model to forecast demand using R & Excel.
  - Identified the period in which **Out of Stock** situation occurred using **Seasonality Comparison** of three year sales data and calculated EOQ & max inventory level.

### Technical Skills

**Languages** C, C++, PYTHON, JAVA, R, GO, SWIFT

### Relevant Coursework

#### Computer Science

- Programming and Data Structures
- Discrete Structures
- Algorithms + Algorithms Lab
- Software Engineering
- Switching Circuits & Logic Design
- Formal Language & Automata Theory

### Extra-curricular Activities

- Ranked 161 Globally in Google Kick Start Round A 2019
- National Rank 100 in Google Hash Code 2019.
- Member of the Department Feedback Committee
- Served as a volunteer under **National Service Scheme (NSS)** for a year.
- Part of the Gold Winning Football team for Azad Hall.