

# Kunwar Parth Singh

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## EDUCATION

### THAPAR INSTITUTE OF ENGG. AND TECHNOLOGY

B.E. IN COMPUTER ENGINEERING  
Aug 2016 - May 2020 | Patiala, India  
Cum. GPA: 9.16 / 10.0

### BRIGHTLANDS SCHOOL

SECONDARY EDUCATION  
2014 - 2016 | Dehradun, India  
Class XII boards : 97.5%  
Class X boards : 96.6%

## LINKS

LinkedIn:// @ksinghparth  
Github:// @kSinghParth  
Codeforces:// @parthsingh287  
Portfolio:// @ksinghparth

## POSITIONS OF

## RESPONSIBILITY

### GENERAL SECRETARY

CREATIVE COMPUTING SOCIETY  
2018-2019 | Patiala, India

### NATIONAL TECHNICAL OFFICIAL

12TH ASIAN LAWN BOWLS AND 10TH ASIAN UNDER-25 LAWN BOWLS CHAMPIONSHIP  
Oct 2017 | New Delhi, India

### TECHNICAL SECRETARY

CREATIVE COMPUTING SOCIETY  
2017-2018 | Patiala, India

### ACADEMICS CAPTAIN

BRIGHTLANDS SCHOOL  
2014-2015 | Dehradun, India

## SKILLS

### LANGUAGES

Java • Python • SQL • Javascript • Solidity • LaTeX

### FRAMEWORKS/LIBRARIES

Django • Flask • Spring • ReactJS • MobX  
• MyBatis • Ethereum • Platform: MacOS, Linux

## EXPERIENCE

### ARCESIUM INDIA | SOFTWARE ENGINEERING INTERN

Jan 2020 - June 2020 | Hyderabad, India

- Worked on Auth Persistence Layer Revamp, migrating the Central Authorization System from the legacy frameworks used like Hibernate to a more maintainable and future proof framework, MyBatis.

### ARCESIUM INDIA | SOFTWARE ENGINEERING INTERN

May 2019 - July 2019 | Hyderabad, India

- Created Batch Overhaul, a web service to manage jobs in different pods while being able to hold, disable and clear batches and also visualize their performances real time

### DEFENSE RESEARCH AND DEVELOPMENT ORGANIZATION (DRDO) | SUMMER TRAINEE

June 2018 - July 2018 | Dehradun, India

- Worked in the Ballistic Computer Division to set up the CSD Management System online, Developed the online portal from scratch using Flask, MySQL

## PROJECTS

### PLUG-N-PLAY CLUSTER COMPUTING | DJANGO, JAVASCRIPT, SQL

- Worked with Dr. Maninder Singh, Prof and Head, Computer Science Department, to create **Plug and Play Cluster Computing**, a master-slave distributed system which assembles a cluster instantaneously by adding nodes who can perform any job disintegrated and assigned by the master

### NODE POSTAL SERVICE | FLASK, SQLITE

- Developed the application which can be used by the Postal Services to transport the mails from one H.O. to another based on destination while minimizing the number of vehicles used and total distance travelled by each

### MF TELEGRAM BOT | PYTHON, TELEGRAM API

- Made a telegram bot which scrapes values of the selected mutual funds from MoneyControl and send as a text on telegram to the specified user every hour

## ACHIEVEMENTS

### MERIT SCHOLARSHIP 2016-2020

One of the 10 students out of 1800 to receive the Merit Scholarship by Thapar Institute for excellence in academics **waiving off 100% of tuition fees**

### GOOGLE KICKSTART 2019 381ST RANK

Achieved a global rank of 381 out of 3300 participants in the coding competition Kickstart organized by Google

### HACKEXCHANGE'18 WINNER

Winner of HackExchange' 18, an inter-college hackathon organized under the techno-cultural fest Saturnalia

### CODE OF THE YEAR '18 WINNER

Winner of the annual coding contest organized in Helix

### GOOGLE CODE JAM 2018 2ND ROUND

Made it to the 2nd round amongst the top 4500 participants from across the globe in Google Code Jam'18

### CERTIFICATE OF MERIT 2016

Awarded Certificate of Merit for scoring **100% marks in Physics in XII** by the Indian Certificate of Secondary Education Examination (CISCE)