Mayank **Chaturvedi**

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Summary

I am a computer science undergraduate with experience in the field of Artificial Intelligence, Algorithmic Optimizations and Web Development. Being an active competitive programmer, solving interesting problems has always delighted me. I enjoy learning new IT advancements and implementing them. My habit of interacting with new people and exploring newer ideas allows me to never stop experimenting. It also helps me maintain good communication skill.

Work Experience

Centre for Railway Information Systems *New Delhi, India*
SOFTWARE ENGINEERING INTERN *May. 2019 - July. 2019*
- Developed a NLP chatbot to handle user queries on Railways earning and reservations. Used Google Dialogflow to design and train the bot.
- Developed a server to handle user queries over PHP, which received the predicted user query from chatbot and fires an SQL query on Indian Railways server.

Freelancer
ARTIFICIAL INTELLIGENCE/WEB DEVELOPMENT *Jan. 2020 - Present*
- Developed various image recognition models using Python, PyTorch and fastai achieving some state of the art outcomes
- Built and deployed the overall service infrastructures utilizing flask and various web services

Education

Birla Institute of Technology and Science, Pilani KK Birla, Goa Campus *Goa, India*
B.E. IN COMPUTER SCIENCE AND ENGINEERING *Graduating 2022*
   Doing major in Computer Science as well as in Mathematics. Overall : 8.5 CGPA

Honors & Awards

INTERNATIONAL

2020	**Global Rank 143**, Google Kick Start Round D		*Google*
2020	**Global Rank 26**, Codeforces Round 641; handle mac		*Codeforces*
2019	**Global Rank 63**, November Cook-Off, Div1; handle mac1309		*Codechef*

DOMESTIC

2019	**21st Rank**, ICPC India Kanpur Regional Final,19		*ICPC*
2019	**Ranked 13**, TCO India Finals, Jaipur		*TopCoder*
2018	**Course Topper**, Number Theory		*BITS Pilani, Goa*
2017	**Top 99 percentile**, JEE Main among 1.5 million candidates		*India*

Writing

A Bit of Mac *Blog*
FOUNDER & WRITER *June. 2020 - PRESENT*
- A blog on Travelling, Artificial Intelligence, Psychology and Mathematics

Extracurricular Activity

AlgomaniaX (Competitive Coder' Network of BITS Goa) *Goa, India*
PRESIDENT AT 2019 *August. 2019 - Present*
- Reformed the hierarchy of the club
- Conducted various coding contests, hackathons in collaboration with big coding platforms of US and India.

Centre for Technical Education *Goa, India*
INSTRUCTOR *Jan. 2020 - May. 2020*
- Taught Introduction to Competitive programming to a batch of 50+ students