Pursuing Honors in Computer Science Engineering; Passionate about ML, RL, DL & Data Science	
Scholastic Achievements	
<ul> <li>Bagged Gold Medal in Bosch's Route Optimization challenge at the 8th Inter IIT Tech Meet</li> <li>Secured 2nd position in Capture the flag Cybersecurity challenge at the 8th Inter IIT Tech Meet</li> <li>Secured AIR 340 in IIT-JEE Advanced   AIR 176 in JEE Main Paper-I   AIR 90 in JEE Main Paper-II</li> <li>Amongst Top 300 students in the country qualified for INPhO (for two straight years) and INMO</li> <li>Achieved AIR 173 in KVPY Fellowship by IISc Bangalore   Recipient of NTSE Scholarship by NCERT</li> </ul>	2019 2019 2016 015,14 014,12 013,12
Positions of Responsibility	
• Elected student representative in department policy formulation committees to ensure student involvement • Re-instantiated and managed Cyber-Security Club, organized CTF events to increase awareness about cybersect  • Chief Editor   CSE Department Newsletter	urity esent ng to esent
$\bullet \ \ \text{Mentor to additional 2 students in an academic rehabilitation program (ARP) \& \ guiding \ them \ back \ on \ track}$	
Teaching Assistant   Programming Lab, Prof. Sai VinjanampathyAugust 2020 - PrMentor   Quantum Computing, Computer Vision: Maths and Physics ClubApril - JuneJoint Secretary, Sports Secretary   CSEA, IIT BombayApril 2017 - MarchConvener   Krittika - The Astronomy ClubApril 2017 - March	2020 2019
Professional Experience	
Amazon Development Centre India Pvt. Ltd.   Auto Trouble Ticket Manager  • Designed runtime compilation module using Java Compiler API to implement dynamic code execution  • Automated process of resolving trouble tickets raised on amazon services by developing java package  • Developed a generic framework to plug-in their models for information retrieval and auto-suggesting resolu	
<ul> <li>OYO - Oravel Stays Pvt. Ltd.   Price Elasticity estimation</li> <li>May - July</li> <li>Designed a prediction model in R that predicts the likelihood of achieving certain profit from the current situated density-based clustering using HDBSCAN density cluster model to remove the outliers</li> <li>Implemented two-stage least squares instrumental variable model to remove biases in explanatory variables</li> </ul>	ation
Darwin Travel Tech   Tour Package  • Developed text classification model using python based Natural Language Toolkit to extract information  • Developed Java Spring Platform to automate generation of itinerary for a tour package with minimum cost pose  • Reduced the time taken by API calls using multi-threading to get transport, hotels and activity details	
Academic Projects	
Quantum Gate Optimization   R&D project  • Critically analyzed advantages of GrAPE with Push-Pull optimization and RL approaches like Q-learn Deep-Deterministic Policy gradient methods and evolutionary RL for improving existing bounds for gate fid Features of XV6   Operating Systems  • Examined xv6 source code and implemented process scheduling algorithms like round robin and priority-based	ning, lelity 2018
• Implemented Memory management techniques like lazy page allocation and applications of pthreads	1.
TECHNICAL SKILLS  Software Skills Deep Learning & CV  C/C++, Python, Java, R, Git, MATLAB, OpenCV, GNU Make, Android Studio, Deep Learning & CV  PyTorch, TensorFlow, Keras, TensorFlow Quantum, OpenCV	—— )jango
EXTRACURRICULAR ACTIVITIES • Part of the Inter IIT contingent securing Runner's Up Position at Inter IIT Tech Meet held at IIT Bombay	2018

• Awarded **Hostel Player of GC (Carrom)** for best performance in Inter Hostel Sports, IIT Bombay

• Completed a year-long course in **Athletics** offered by National Sports Organization (NSO), IIT Bombay

2016

2016