
EDUCATION

- **Indian Institute of Space Science and Technology** Thiruvananthapuram, Kerala
Master of Technology in Machine Learning and Computing Aug. 2020 – July, 2022
 - **Courses Taken:** Numerical Linear Algebra, Optimization Techniques, Advanced Machine Learning, Statistical Models and Analysis, Computer Vision, Reinforcement Learning.
- **Jabalpur Engineering College** Jabalpur, M.P.
Bachelor of Engineering in Information Technology Aug. 2016 – July, 2020
 - **Courses Taken:** Data Structure and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Theory of Computation.

TECHNICAL SKILLS

- **Languages:** C++, C, SQL, Python, MATLAB
- **Technologies:** , MySQL, SQLite, Git

EXPERIENCE

- **Intec Infonet Pvt. Ltd.** New Delhi, India
Software Engineer Intern June 2018 - July 2018
 - **Developer:** Developed an automated timetable system that is successful in solving colleges lecture-course timetabling problems. We have also shown how we can fit our timetabling system as a Desktop Application.
 - **Software Principle:** Learnt good security development standards and practices.

PROJECTS

- **Intelligent Question Generation**
 - Generated Fill Up, Multiple choice questions, Wh and Factoid questions generation from articles.
 - Developed using POS tags, keyword extraction and various NLP tools.
 - Applied in question generation model for quizzes, assessment and it gave better result.
- **Abnormal Event Detection in Video**
 - Recognition of abnormal activity in video using Spatiotemporal Autoencoder. The system is suitable for outdoor surveillance cameras.
 - Our architecture includes two main components, one for spatial feature representation, and one for learning the temporal evolution of the spatial features. Experimental results on UCSD dataset.
 - The model provides a method for the machine to learn how to distinguish between normal everyday occurrences from abnormal activities.
- **Strength-Weakness of Product**
 - Devised the rating of the features of the e-commerce product from customer rating and summarise it in good and bad features about the product .
 - Developed a model which uses various NLP techniques to identify the rating of the feature.

ACHIEVEMENTS

- Qualified for the ACM ICPC 2018 Kolkata-Kanpur site contest held at UIET, CSJM University, Kanpur.
- Codechef Rating - 1883 (amit_9)
- “So you think you can code” Organised a coding competition on Hackerearth.
- Gold medal in chess Avahan 2018 (Intra college competition).