AMIT KUMAR

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EDUCATION

Master of Technology in Machine Learning and Computing   Aug 2020 - Present

Department of Mathematics

Indian Institute of Space Science and Technology - Thiruvananthapuram

Bachelor of Engineering in Information Technology   July 2016 - 2020

Jabalpur Engineering College - Jabalpur, India

CGPA: 7.44

TECHNICAL SKILLS

- **Languages:** C++, C, SQL, Python, HTML
- **Software Tools:** Jupyter Notebook, Code Blocks, Git, Flask
- **Courses Taken:** Foundation of Machine Learning, Optimization Techniques, Numerical Linear Algebra, Data Mining

TRAINING

INDIAN INSTITUTE OF TECHNOLOGY KANPUR(IITK), INDIA   May 2017 - June 2017

System Security and Exploitation Techniques- Learned about system security, various binary exploitation, cookie stealing, SQLi, and concepts of XSS and CSRF.

INTEC INFONET PRIVATE LIMITED, NEW DELHI, INDIA   June 2018 - July 2018

Automatic Time Table Generator - 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.

PROJECTS

Strength - Weakness of Product - Customer reviews were extracted from an e-commerce website using web-scraping tools. It was further preprocessed using regular expressions and various NLP algorithms. Sentiment analysis was applied to classify the documents then finally showed the rating of various features of a product.

Stock Market Analysis and Prediction- Developed a stock market analysis and prediction system by using Multilayer perceptron and LSTM with backtesting technique on Kaggle's S&P 500 dataset.

Task Manager Web App- An end to end full stack project with MySQL database integration for task management.

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).