Ankit Sonthalia

STUDENT

📞 0091 9123004747 | ✉ ankit.sonthalia01@gmail.com | ⌂ aktsonthalia

Education

Birla Institute of Technology and Science, Pilani   *Rajasthan, India*
BACHELOR OF ENGINEERING IN COMPUTER SCIENCE, GPA: 8.44/10.0   *Aug. 2017 - Apr. 2022 (Expected)*

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Skills and Courses

Languages
- **Intermediate:** Python, Java, C, C++
- **Basic:** Bash, Assembly, JavaScript, MATLAB

Relevant Degree Courses (Computer Science)
- **Completed:** Object Oriented Programming
- **Ongoing:** Data Structures and Algorithms, Database Systems, Microprocessors

Relevant Degree Courses (Mathematics)
- **Completed:** Discrete Mathematics, Topology, Ordinary Differential Equations, Numerical Analysis, Mathematical Modelling, Applied Statistical Methods
- **Ongoing:** Partial Differential Equations

Online Certification Courses
- **Completed:** Coursera's Deep Learning Specialization by Andrew Ng

Miscellaneous Skills
- LaTeX
- The Linux Operating System

Experience

Regional Remote Sensing Centre (ISRO)   *Jodhpur, Rajasthan*
RESEARCH INTERN   *May 2019 - July 2019*
- Worked on a satellite image classification task using concepts of machine learning

Projects

Earthquake Prediction (Ongoing)   *BITS Pilani, Pilani Campus*
STUDENT RESEARCHER   *Started: January 2020*
- An attempt at accurately predicting earthquakes using deep learning techniques, primarily Recurrent Neural Networks, written in Python
- Supervised by Dr. Sumanta Pasari, Assistant Professor at the Department of Mathematics, BITS Pilani