

ASHISH RANJAN

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PROJECTS

Text Editor in C For Linux | ([Link](#))

- Written completely in C, capable of editing any text file, syntax highlighting (C Style), word search, word counting, saving file.
- No additional dependencies, just C compiler.
- Uses terminal window to run.

Twitter Sentiment analysis Python 3 | ([Link](#))

- Using Text Blob library and twitter API, desired number of tweets are analyzed based on key-word provided by user.
- Polarity of tweets are found out.

Interpreter in Python I | ([Link](#))

- An interpreter for Pascal language build using Python, where the grammar is defined based on which functioning of a Pascal program is implemented.
- The Pascal being a primitive, so to understand the structure and working of a simple program using a particular language in background in form of tokens and expression evaluation like features.
- The Lexer, Parser and other important feature for building a language are included in it.
- First abstract syntax tree is generated, which can be viewed using Graphviz library, scope of variables is maintained through symbol table. Interpretation takes place in the next stage.

SKILLS & TECHNOLOGY

- Experienced in Python3
- Proficient in C++
- **Machine Learning | Deep Learning**
- Competitive Coding
- Strongest Part: Data Structures & Algorithms.
- C | Java: Intermediate
- Environment: Linux | Windows

AWARDS AND ACHIEVEMENTS

Academics:

- Participation as team in **Grand Finale** of *Smart India Hackathon, 2019* under the Students Innovation category among 32 teams with idea based on Revolution in Transportation system.
- Ranked 79th (Team) ACM-ICPC 2018 GWALIOR-PUNE Onsite Regionals Contest.
- **Codechef** (Competitive coding site) rating 1899 (Div 1).
User name- **aashishrn29**

COURSES

- **Data Structure**, Coursera ([Certificate Link](#))
- **Deep Learning**, from *deeplearning.ai*, Coursera. ([Certificate Link](#))

Including the mentioned 5 courses->

1. Neural network and deep learning.
2. Improving deep learning networks.
3. Convolutional neural networks.
4. Sequence Models.
5. Structuring Machine Learning Projects.

EDUCATION

National Public School,
Ghaziabad
High School (10th)
2013-2014: **9 CGPA**

National Public School,
Ghaziabad
Intermediate(12th)
2015-2016: **88%**

Institute of Engineering and Technology, Lucknow, India
B. Tech Computer Science and Engineering, (2017-2021)
8.35 CGPA till current semester

INTERNSHIP

Machine Learning Summer Training at CETPA,
Application of various ML algorithms on publically available datasets.
([Certificate Link](#))