

Aashish Patel

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EDUCATION

IIT KANPUR

BTECH IN ELECTRICAL ENGINEERING

2019-2023 | Kanpur, India

CGPA: 8.8 / 10.0

SWAMI VIVEK. VIDYA.

CBSE 2019 | Allahabad, India

91.6%

LINKS

Github:// [aashishpiitk](#)

LinkedIn:// [aashishp](#)

Personal Website:// [aashishpiitk](#)

COURSEWORK

UNDERGRADUATE

Linear Algebra and Ordinary Differential Equations(MTH102)

Multivariable Calculus(MTH101)

Introduction to Programming(ESC-101)

ONLINE-COURSES

• Machine Learning(Andrew Ng) Coursera

• Neural Networks and Deep Learning

Coursera

• Sequence Models Coursera

• Convolutional Neural Networks

Coursera

• Improving Neural Networks Coursera

• Server-Side Development with

NodeJs,MongoDb

ONGOING-COURSES

• Probability and Statistics

SKILLS

PROGRAMMING

Python • Javascript

Matlab • C • C++

FRAMEWORKS AND UTILITIES

Tensorflow • Pytorch

Django • PostgreSQL

NodeJs • MondoDB • ExpressJs

BeautifulSoup • Selenium

Pandas • ScikitLearn • Numpy

Hugo • NLTK

ABOUT

• I'm a fresher at IIT Kapur pursuing Electrical Engineering

• Interested in anything related to programming and I have experience in Python and C and currently exploring Javascript

• I'm exploring Web Development and Machine Learning

PROJECTS

TWITTER SENTIMENT EXTRACTION | BCS-IITK(ONGOING)

May 2020 – Present | Kanpur, India

• Explored word embeddings ,word2vec,glove and analysed biases in these embeddings

• Understood and implemented LSTMs,GRUs and Attention mechanism in NLP

• Understood inner workings and used BERT language model to solve question answering and classification problems in NLP

• Currently exploring other NLP areas

CAMPUS DISCUSS | PROGRAMMING CLUB - IITK(ONGOING)

April 2020 – June 2020 | Kanpur, India

• A part of team of developers creating a Discussion Platform for the campus community

• Using Django for backend and PostgreSQL for storage

• Worked on many-many and foreign relations in sql databases

• This platform uses custom user model and custom authentication

• Developed REST apis using DjangoRestFramework • Used Postman for testing the APIs

NOTES-APP | SELF PROJECT(ONGOING)

May 2020 - | Kanpur, India

• Developing a simple notesApp which use NodeJs backend and MongoDB,ExpressJs,PassportJs

• It has user registraion and login

• Used session and JWT based authentication system

• Understood Cross-Origin-Resource-Sharing

MODELS-ZOO | PROGRAMMING CLUB(ONGOING)

May 2020 – June 2020 | Kanpur, India

• Read ResNet paper and Implemented Resnet from scratch using TensorFlow

• Currently Implementing NLP algorithms from scratch in Tensorflow

EXPERIENCE

PROGRAMMING CLUB,IIT KANPUR | SECRETARY

April 2020 - Present | Kanpur, India

Currently selected as secretary in programming club ,which help in smooth conduction of programming club workshops and lectures in the campus