Indraneel Ghosh

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EDUCATION

BITS PILANI
Class of 2021
B.E.(Hons.) Computer Science
MSc. Biological Sciences
Cum. GPA: 8.25

APEEJAY SCHOOL, NERUL
Grad. July 2014| Mumbai, India
AISSE(10th Grade): 96.4%

LINKS

Github:// ighosh98
LinkedIn:// Indraneel Ghosh

COURSEWORK

UNDERGRADUATE
Multi-variable Calculus
Principles of Economics
Neural Networks and Fuzzy Logic
Machine Learning
Probability and Statistics
Linear Algebra
Introduction to Corporate Finance
Data Structures and Algorithms

SKILLS

PROGRAMMING
Languages
• Java • C/C++ • Python • MATLAB
• Javascript • HTML/CSS
Frameworks and Libraries
• Scikit-Learn • Django • Keras • Pytorch
• jQuery• Bootstrap

EXPERIENCE

NETWORK RESEARCH LABORATORY, BITS PILANI | Undergraduate Research Assistant
May 2019 – Aug 2019 | Remote
- Working on Building Deep Learning Architectures for Detection of Algorithmically Generated Domain Names in Botnets.

COGNITIVE COMPUTING LAB, CEERI PILANI | Summer Research Intern
May 2019 – Jul 2019 | Pilani
- Worked on application of Autoencoders in Manifold Learning under the guidance of Dr. AS Mandal.

CSIR-IMMT | Summer Intern
May 2018 – Jul 2018 | Bhubaneshwar, India
- Website section built on .NET Platform to streamline the workflow of the organisation. An android application was also built for this purpose.

MAJOR PROJECTS

SENTIMENT ANALYSIS OF SHORT TEXTS | Course Project, Neural Networks and Fuzzy Logic
Oct 19 – Dec 19 | BITS, Pilani
- Worked on implementing a **deep convolutional neural network called CharSCNN** for sentiment classification of short twitter texts.

BLOOD CELL DETECTION | Apogee Paper Presentation
Jan 19-Mar 19 | BITS Pilani
- Implemented a model **merging CNN and RNN** and compared the efficiency of the model with a model built with simply CNN for **Classification of White Blood Cell Images**.
- Won the award for the **Best Paper at the Apogee Paper presentation Event** and **prize of €100**.

[CODE]

VECTOR BIOLOGY LAB | Undergraduate Research Assistant
Dec 18 – Aug 19 | BITS Pilani
- Modelling of a **continuous-time mechanistic model**, consisting of a system of non-linear, first-order differential equations, based on a complex immuno-regulatory network functional in mesenteric lymph node during infection
- Project funded by Science and Engineering Research Board,India.

AWARDS

2019 Won first prize in Apogee Paper Presentation and a prize of €100
2019 Selected for Udacity Security and Private AI Scholarship Challenge
2019 World Rank of 2830 Hacker Cup 2019