Lovely Goswami

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EDUCATION

B.Tech
Indian Institute of Information Technology Kalyani

08/2015 – Present   *kalyani (W.B)*

Computer Science & Engineering

- CGPA - 8.76

Secondary
S.M.S.V.M Inter College

06/2012 – 06/2014   *Orai (U.P)*

Science

- Percentage - 86.2

Metriculation
Ramji Lal Pandey S.S.H.S

06/2010 – 06/2011   *Orai (U.P)*

Science

- Percentage - 73.00

ACADEMIC PROJECTS

Recognition Of Hand Written Numerals (07/2018 – Present)
- In this project we have used SVM based Machine Learning Model for classification of data into different numeral classes and then applied different methods for extracting the feature vectors like "local binary pattern and "Projection Profile Method".
- Tools used - Weka , C & C++ , Gnuplot.

Cellular Automata Based Stream Cipher (06/2017 – 11/2017)
- Our design of new cipher is based on cellular automata using 4:1 multiplexer. Our main aim is to prevent our cipher from all types of attacks.

Scientific Calculator (06/2016 – 02/2017)
- Using Swing in Java : Developed a scientific calculator.
- Implemented using GUI widget toolkit named Swing,AWT.

WORK EXPERIENCE

Summer Intern
C-DAC Pune

05/2018 – 06/2018   *Pune*

Achievements/Tasks
- This "HPC" based project is related to measure the power consumption in high performance computing devices. Utilities - "cpupower","powertop","turbostat".

SKILLS

C/C++   Basic Java   MySQL   HPC
HTML/CSS/Bootstrap   Javascript

ACHIEVEMENTS

1 - Secured GL 504 in UPTU in 2015.

2 - Secured 140 marks in JEE MAIN in 2015.

3 - Secured GL 51 in BHU in 2015.

CERTIFICATES

Summer Inter Certificate from C-DAC Pune.

Attended 2 days workshop on ARTIFICIAL INTELLIGENCE AND ROBOTICS conducted by Techinest.

INTERESTS

coding   HPC   Playing Guitar   Music