

Amiya Tripathi

PostGrad



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B 342 Hall 10 IIT Kanpur, Kanpur, India

EDUCATION

M.Tech

Indian Institute of Technology Kanpur

07/2019 – Present

8.5 CPA

Courses

- Computer System Security
- Verifiable Secure Systems
- Advance Data Structure & Algorithms
- Parallel Computing
- Software Architecture

B.E

MITS Gwalior

07/2015 – 06/2019

7.51 CPA

WORK EXPERIENCE

Teaching Assistant

Indian Institute of Technology Kanpur

12/2019 – 04/2020

Achievements/Tasks

- ESC 101 Teaching Assistant

Teaching Assistant

Indian Institute of Technology Kanpur

08/2019 – 11/2019

Achievements/Tasks

- ESC 101 Teaching Assistant

SKILLS

C++

Python

Machine Learning

Node js

Scala

PERSONAL PROJECTS

Secure Systems - Computer System Security

- Implemented secure file system in Golang

MPICH Applications - Parallel Computing

- Implemented various parallel algorithm in cluster and HPC 2010 supercomputer

Ionic App - Software Architecture

- An Ionic web app with basic utilities like camera, bluetooth, recording
- Converted to android app with help of cordova

CERTIFICATES

Coursera - Perform Sentiment Analysis with scikit-learn (06/2020 – 06/2020)

A machine learning project which analyse positive or negative reviews from Imdb reviews

Coursera-Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning (05/2020 – 06/2020)

Computer vision using Convolutional Neural Networks in TensorFlow

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

New Technology

Movies

Sports

General Awareness