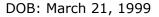


Aniket Pradhan

, Email:



Skype ID: live:

Address:



CGPA: X.XX

Percentage:

CGPA: 10

(May, 18 – July, 18)

Education

Indraprastha Institute of Information Technology

B.Tech (ECE)

2017 - Present

Father Agnel School, Gautam Nagar, New Delhi 110049

94.2%

CBSE

2015 - 2017

Father Agnel School, Gautam Nagar, New Delhi 110049

CBSE

2005 - 2015

Skills

Expertise Area System Management (Linux), Android Mobile App Development, Web

Development, Databases

Programming

Language

Java, Python, C#, JavaScript (React), C++, Verilog

Tools and

Technologies

Android, Unity, PyTorch, Containerization, HDL Coding

Technical

Electives

Advanced Programming, Competitive Programming

Internship

UI Designer, RealVol (Industrial)

Guide: Palash Bansal

Worked on Unity VR and C#, to create and improve

the UI of the product, RealVol

Junior Android Developer, OutWorx Solutions (Industrial) (Jun, 18 - Jul, 18)

Guide: Gaurav Aggarwal

Created and implemented simple animations for Android, and

Implemented scalable widgets for Android Applications.

Projects

Efficient Filling of C+L Bands for an Optical Network.

(May, 19 - May, 20)

Guide: Dr. Abhijit Mitra

It is my B-Tech Project (BTP) and will be committed to the project for at least two semesters.

Deep Neural Network Based Predictions of Protein Interactions (Oct, 18 – Feb, 19) **Using Primary Sequences.**

Guide: Dhananjay Kimothi

The project was related to Deep Learning-based predictions of Protein-Protein based interactions (PPIs) using their sequences. Using the predictions we could provide valuable insights into protein functions, disease occurrence, and therapy design on a large scale.

I was responsible for working on Deep Structured Semantic Network (DSSM). I also worked on a tool to scrape and organize data for the respective needs.

IoT Lock (Dec, 17 - Apr, 18)

An automated lock, which can be controlled from the internet, using any device. It features security, robustness, and provides a key-less entry.

The communication was secured using HTTPS and TLS protocols, making it difficult to snoop onto the network.

It was a part of my Introduction to Engineering Design course.

Publications

- R. K. Jana, A. Mitra, A. Pradhan et al, "When Multiband Elastic Optical Networks Becomes More Economical Than Multiber Elastic Optical Networks?", European Conference on Optical Communication 2020, submitted
- A. Sinha, A. Pradhan, Q. Fang et al, "Comp-NeuroFedora, a Free/Open Source operating system for computational neuroscience: download, install, research", Org. for Computational Neurosciences 2020, in press
- A. Mitra, D. Semrau, N. Gahlawat, A. Pradhan et al, "Capacity Benets of Operation Over C+L Band Elastic Optical Network in the Indian Network Scenario", IEEE ANTS 2019, in press

Positions of Responsibility

• Web Admin, Summer Camp @IIIT Delhi

• Volunteer, Summer Camp @IIIT Delhi

• **Web Admin**, Research Showcase 2018

• **Event Head**, Robowars @ Esya 2018

• Event Head, Student Breakthrough @ Research Showcase 2018

(2019) (2019) (Apr 2018)

(August 2018)

(Apr 2018)

Interests and Hobbies

- Managing Linux based systemsGame Design

- Web DevelopmentServer management

Declaration: The above information is correct to the best of my knowledge.

Aniket Pradhan

Date: