

# Aniket Pradhan

+91 98975-00297  
aniketpradhan1999@gmail.com  
major

in /AP9989  
/Aniket-Pradhan  
homepage

## Summary

- An undergraduate student, currently pursuing Electronics and Communications Engineering at IIIT - Delhi. I am a Super nerd who loves Linux, Vim and enjoys customizing my development environment. Interested in Deep Learning, Optics, Image Processing, solving problems more efficiently and learning new technologies.

## Education

**Indraprastha Institute of Information Technology**  
*Bachelors in Electronics and Communications Engineering*  
**Father Agnel School**  
*Senior Secondary School*

2017 – Present  
New Delhi, India  
2015 – 2017  
New Delhi, India

## Work Experience

**RealVol**  
*UI Designer Intern*  
> Worked on Unity VR and C#, to create and improve the UI of the product, RealVol

May 2018 – July 2018  
New Delhi, India

**OutWorx Solutions Pvt. Ltd.**  
*Android Developer Intern*  
> Created and implemented simple animations for Android.  
> Implemented scalable widgets for Android Applications.  
> Worked on Android Studio, using a mix of Java and Kotlin.

June 2018 – July 2018  
New Delhi, India

## Projects

**Efficient Filling of C+L Bands for an Optical Network.**  
> Comparing of an optical network working on the C band and the C+L band.  
> Optimizing the routing algorithms and minimizing fragmentation.  
> Studying different topologies and researching the best available topology

May 2019 - Present

**Deep Neural Network Based Predictions of Protein Interactions using Primary Sequences**  
Oct. 2018 - Feb. 2019  
> Written a tool in Python to automate data collection and organize the data in a pretty SQL table.  
> Clustered many similar data items.  
> Worked on and implemented Deep Structured Semantic Network (DSSM) in Python using Tensorflow

**IoT Smart Lock**  
> Automated lock, which can be controlled via the Internet.  
> Provides a key less access to the lock, with robust technologies.  
> Secure communications between the clients and the host, using TLS 1.2  
> It was a part of my Introduction to Engineering Development course.

Dec. 2017 - Apr. 2018

## Positions of Responsibility

Web Admin, Research Showcase	2018
Event Head, Student Breakthrough, Research Showcase	2018
Event Head, Robowars, Esya	2018
Web Admin, Summer Camp @ IIIT-D	2019
Volunteer, Summer Camp @ IIIT-D	2019

## Interests and Hobbies

- › Working on and managing Linux based systems.
- › Game Design.
- › Web Development.
- › Server/backend management.