

Neelak Dasgupta  
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### **Career Objective:**

I am a programming enthusiast, who wants to make a difference to the world, with the use of my knowledge. I have a keen interest on Computer Vision and works related to Image processing using advanced AI/ML tools, such as Python and MATLAB.

### **Educational Qualifications:**

1. **B. Tech AI:** SRM Institute of Science and Technology, ongoing, current GPI: 9.11
2. **Class 12:** Calcutta Boys' School, 2020, ISC percentage: 89.6
3. **Class 10:** Calcutta Boys' School, 2018, ICSE percentage: 93.6

### **Areas of Interest:**

- Image recognition and classification
- Predictive Analysis using Artificial NN
- MATLAB and Simulink libraries
- RL used in Game AI

### **Projects:**

- **Coastline Surveillance:** A DRDO project topic that is funded by the SIIEC SRM. The project deals with the recognition of coastline boats and fisherman faces.
- **Automated Licence Plate Recognition:** The usage of computer vision and optical character recognition in the smart identification of automobile number plates
- **Intruder Detection System:** A computer vision based object detection and recognition model, that allows only recognized faces to enter.

### **Experiences:**

- Research Internship in IIT Patna on the use of NLP and Computer Vision on Finance related documents
- Internship training, offered by Edutech India Pvt Ltd, on the working of Quanser's high level ground bot, Q-Bot.
- Workshop on using NVIDIA Jetson Processor for deployment of Programs

### **Certified Professional proficiency:**

- Frontend development using html, CSS and JS by Johns Hopkins University
- Neural Networks and Deep Learning by DeepLearning.AI
- Computer Vision and Image Processing by IBM
- Database Management System by NPTEL
- Python for Data Science, AI & Development by IBM

### **Extra-Curricular Activities:**

- Swimming
- Football
- Cooking

### **Links:**

- Github: <https://github.com/Shnitzer99>
- Linkedin: <https://www.linkedin.com/in/neelak-dasgupta-aa4750258>
- Personal Port-Folio Website: <https://shnitzer99.github.io/Portfolio>