Anant Patankar
Aspiring Python Developer

E-Mail: patankar.anant123@gmail.com ||**Phone:** +91-9834881001
LinkedIn URL: linkedin.com/in/anant-patankar

Explore the variety of areas in Deep Learning, Computer Vision, Machine Learning simultaneously trying to synergize my skill sets of technological expertise and leadership qualities.
Location Preference: **PAN India**

CORE COMPETENCIES

Convolutional Neural Network

Computer Vision

Artificial Intelligence

Recurrent Neural Network

Neural Networks

Financial Frauds & Analysis

Document Fraud Analysis

Image Processing

PROFILE SUMMARY

- Hands-on experience in Deep Learning, Machine Leaning and Computer Vision related algorithms and techniques.
- Proficient in working on various data sets and related Computer Vision Object Detection models using programming language: Python.
- Hands-on exposure with working on multiple projects involving real-life data sets from Deep Learning area (Convolution Neural Network) etc
- Adept in handling large data sets of various types for data processing, analysis, interpretation and eventually prediction using various machine learning techniques
- Gained knowledge of conducting cyber-crime investigations, fraud risk assessment – B.Sc. (Forensic Science)
- Effective communication skills, team builder with strong interpersonal, analytic and problem-solving skills; comfortable and cohesive in multi-cultural work environments; driven by strive for perfection

KEY SKILLS
Deep Learning and Machine Learning:
- Deep Learning algorithms such as Convolutional Neural Network (CNN), Recurrent Neural Network (RNN), Long Short-Term Memory (LSTM), Generative Adversarial Network (GAN) for Supervised/Unsupervised learning
- Exploratory Data analysis, Visualization and Inferential Statistics including Test of Hypothesis
- **Tools Used:** Python, Tensorflow Object Detection API, You Only Look Once (YOLO), MS Excel, MS Word

ORGANISATIONAL EXPERIENCE
Aug'19 – Feb'20 with Miscos Technologies Private Limited, Pune – Python Developer
Role: Python Developer
- Dealing with Image Processing and Computer Vision problems, i.e., for Object Detection, Object Recognition and Optical Character Recognition.
- Developing a program for real-time object detection and recognition process automation.
- Implementing of Deep Learning algorithms for Computer Vision problem.
- **Worked on project:** Red Light Violation Detection System and developed a program to detect vehicles violating red light traffic signal.
- **Worked on project:** Automated Licence Plate Recognition, used Tensorflow Object Detection API for number plate detection and Tesseract LSTM model for Optical Character Recognition.

Jan'2018 – Aug'19 Regional Forensic Science Laboratory, Pune – Scientific Assistant
Role:
- Worked on examination of Biological evidences.
- Presumptive analysis of blood with Kastle_Meyer test.
- Species Identification from blood, semen, and saliva with Cross-Over-Electrophoresis.
- Analysis of hair and nail as a evidences collected from crime scene.

ACADEMIC DETAILS
2017	**M.Sc. (Forensic Science)** from Dr. Harisingh Gour, Central University, Sagar, Madhya Pradesh
2015	**B.Sc. (Forensic Science)** from Government Institute of Forensic Science, Aurangabad, Maharashtra

IT SKILLS
OS	Windows & Linux (Ubuntu and Kali Linux)
Programming	Python, C, BASH Scripting
Software	EnCase, FTK, Wireshark, Metasploit
Techniques	Computer Security Incident Response, Forensic Memory Analysis, Electronic Descovery Reference Module, Digital Evidence Collection
Other	Cryptography, Computer Network and Network Security

ACADEMIC PROJECT

M.Sc. (Forensic Science) Project:
Title: Android Forensic: Penetration testing of Android application in Forensic Analysis:
Advisor: Dr. Navjot Kaur Kanwal, Assistant Processor

        Department of Criminology and Forensic Science,
        Dr.Hari Singh Gour, Central University, Sagar(Madhya Pradesh)

Role:
- Reverse engineering of Android Application for getting application source code for testing purpose.
- Collected e-commerce android application APK files.
- Used QARK (Quick Android Review Kit) for android application vulnerability testing

EXTRACURRICULAR ACTIVITIES

- Participation in organization of annual college events, represented college in various seminars.
- Completed Bharat Scout and Guides Tritiya Sopan Program.

SOCIAL ENGAGEMENT

- Worked with local NGOs for Rural Development programs.
- Visited orphanage near Pune city area to help orphan childs.

PERSONAL DETAILS

Date of Birth	05th March, 1993
Languages	English, Marathi &Hindi
Address	Flat No. A-602, Smruddhi Park, Kunal Icon Road, Pimple Saudagar, Pune-411027