

Pratibha Sharma

| +33 075-448-6509 | pratibha.sharma@etu.univ-st-etienne.fr | <https://www.linkedin.com/in/pratibha26> |
Apt 316 Mail des Meches, 1 Rue de la Porte des Champs, 94000 Créteil

EXPERIENCE

- T2 Technology** Paris, France
Computer vision R&D Intern (Full-time) Feb 2022 - Current
 - Master's Thesis:** Development of OCR application & Dicomweb service.
 - OCR Application:** Developed & optimized OCR App for medical images (75%-85% faster & more accurate).
 - REST APIs:** Created REST APIs for Dicomweb services (handling medical data).
- Thales DIS** Gemenos, France
R&D Laser marking & Image Processing Intern (Full-time) May 2021 - Sep 2021
 - Research project:** Worked on industrialized Color Laser marking techno for personalizing ID documents.
 - Software Optimization:** Optimized 3 softwares of color laser shield (CLS) machine needed at production.
- Emuron Technologies** Noida, India
Software Developer (Full-time) Nov 2019 - May 2020
 - Mobile Application:** Developed Mobile App for Whirlpool plant performance enhancement.
 - Web Application:** Created web app for HMI devices used at Whirlpool & ordnance factory varangaon.
- Yıldız Teknik Üniversitesi** Istanbul, Turkey
Research Project Intern (Full-time) Feb 2019 - Jun 2019
 - Bachelor's Thesis:** Predicting the disease mechanisms of psoriasis using a case-control study.
 - Presented a Paper:** In this study, the aim was to predict the potential genetic risk factors of psoriasis.

EDUCATION

- M.Sc - Specialization : Biometrics & Intelligent vision** France & Finland
University Jean Monnet & University of Eastern Finland & Université Paris-Est Créteil Aug 2020 - Sep 2022
Erasmus Mundus Joint Master Degree Photonics for Security Reliability and Safety (PSRS)
- Bachelor of Technology (B.tech)** Chennai, India
Hindustan Institute of Technology & Science July 2015 - July 2019
Specialization: Computer Science & Engineering (One year of which studied in Istanbul as an exchange student)

SKILLS SUMMARY

- Domains:** Computer Science & Software Development, Web & Mobile App Development, Project Design
- Microsoft 365:** MS-suite, MS Excel, MS word, PowerPoint, InVision
- Languages:** Python, Go, C++, JAVA, HTML/CSS
- Frameworks:** flask, Swagger, OpenApi v3, Scikit, OpenCV, Pandas, Gin-Gonic, GORM, PyQt5, React Native, Dlib
- Tools:** Figma, GIT, MySQL, IntelliJ IDEA, VS code, Pycharm, Bootstrap4+, Google Colab
- Soft Skills:** Critical Thinking, Problem solving, Adaptability, Teamwork, Leadership, Time & Project Management

LATEST PROJECTS

- REST API - Image Anonymization** France, Paris
Python, Flask, Swagger, OpenAPI v3, REST APIs
Created REST APIs for anonymizing the images depending upon user's input and sending the process status. June, 2022
- Machine learning Project - Object Detection** France, UPEC
Python, MRCNN, Object detection, YOLO annotator, google colab
Used Mask RCNN to detect various objects. Made use of Transfer learning by using weights of pretrained coco-dataset. 3rd Semester 2022
- Biometrics - Geometric feature based landmarks detection & recognition** France, UPEC
Python, Dlib, Mediapipe, numpy, matplotlib, dataset (from personal images)
Hand & face landmarks detection & recognition using Dlib & mediapipe 3rd Semester 2022
- Computer vision - Emotion Analyzer Desktop App** France, UPEC
Python, PyQt5, Dlib, Mediapipe, DEAP dataset, OpenCV, Pandas, numpy, matplotlib, colab
Desktop application for facial & Brain Emotion detection & comparison (a research oriented project) 3rd Semester 2022

HONORS AND AWARDS

- Awarded Fully funded EMJMD Scholarship to pursue M.Sc in France & Finland - 2020-2022
- Selected to pursue Bachelor's Thesis at Yıldız Teknik Üniversitesi, Istanbul (fully funded by Erasmus+) - Feb, 2019
- Selected as the IEEE student cabinet member (Computer science society)- from August 2016 to July, 2019

VOLUNTEER EXPERIENCE

- Taught student with weaker financial backgrounds during summers - July - October, 2019, UP, India
- Participated in several blood donation and Clean City Campaigns both during school & University

LANGUAGES

- Hindi (mother tongue), English (Proficient/fluent), French (basic/learning), Turkish (basic)