PRIYANKA SHEWALE

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OBJECTIVE

ML & Data enthusiast, avid researcher, quick learner and keen to explore the domain of ML models. Meet professional experts and role models to develop technology, business, and teamwork skills. Believe in learn and implement.

ACADEMICS

Master of Science Computer Science   **2.919**
Stevens Institute of Technology, NJ   **Dec-21 – Dec-22**
   Courses: ML Fundamentals & Application, Data Structures & Algorithms, Data Mining, Computer Vision, Python for Engr. App, Multivariate Data Analysis
   Awards: Scholarship: 12000 USD

BE Electronics & Telecommunication: **72.7%**
Army Institute of Technology, Pune   **Aug-14 – May-18**
Higher Secondary School Certificate: 2014   **80%**
Secondary School Certificate: 2012   **9.2 / 10**

WORK EXPERIENCE

Continental Automotive Components India: July-18 – Aug-21   **3 years**
Role: Associate Engineer (System Integration: Automation development)
- System Engineer for Occupant Safety and Sensorics
- Projects: Suzuki, AUDI PPE (Premium Platform Electric), VW
- Business Travel to CHINA for Suzuki Project Final Product Test.
- Automation Script development (C# Platform)
- Freelancing for Python and MATLAB based project :7months till date

INTERNSHIP

Project Intern |Dassault Systems | 6 Weeks
- Led 5 projects- 6DOF Robotic Arm for industrial applications on production line, Automatic Wiper, Poppy Robot
- Collaborated on projects: Humanoid Robot, Auto Simulator along with 3D printer with teammates.

Advanced Telecom Training | Telecoma Technologies Pvt. Ltd.|6 Weeks

PROJECTS

- **Local Positioning System (Techno-Champ 2017, John Deere, AIR4)** Developed a **Visual Odometry** based LPS (Image Processing & KLT feature tracker) (BE Project), **to track objects** and visualize an agricultural plot to organize and plan tasks with real time camera inputs.
- **Abalone Age Prediction:** KNN & Random Forest Regressor
- **Human Activity Recognition:** Real time Activity Recognition using Xbox input using Deep learning model.
- **Car Accident Prevention System through Eye Blink Sensing**
- **D-Vehicle** (Innovative Concept design with Lego model for Especially Abled People and its programming, Schaeffler Open Inspiration India' 2017)

PERSONAL STRENGTHS

I believe that my confidence and my effervescent personality are my strengths.

SOFTWARE TOOLS:

3DExperience, Visual Studio, Canoe, MATLAB, Google Collab

LANGUAGE & LIB:

MATLAB, Python, R, C, Java, OpenCV, Scikit, TensorFlow

TECHNICAL SKILLS

- Object Detection & tracking, Image processing, GMM,Linear Classifiers, EM Algo, Parzen window, Random Forest, AdaBoost, LDA
- Machine Learning Algorithms
- HIL System Testing
- Automation Model Development

CERTIFICATION

- Machine Learning by Andrew Ng (Coursera)
- Certified Solid works Associate: Mechanical Design
- Deep Learning.ai (Coursera)
- DBMS Course
- NPTEL - Coding Theory

ACHIEVEMENTS

- National Schools Computer Science Competition secured 1st RANK
- Robo-Race secured 1st Position(at MESCOE Pune)

SCHOLARSHIPS

- PMSS (Prime – Minister Scholarship)
- AGIF Scholarship
- Graduate Scholarship at Stevens Institute of Technology

EXTRA-CURRICULAR

Sports: Basketball, Tug of war
Social work: Volunteered for Smile Foundation & Free Eye checkup for especially abled children.