Piyush Singh

Career Objective

My background is in Mechanical Engineering with a vast bank of knowledge in the field of engineering. My passion is centred in Machine Learning. I want to discover more about the amazing world of Artificial Intelligence. My goal is to grow as a person and as a professional, every day.

Education

New Horizon Institute of Technology and Management / Mumbai University

B.E. in Mechanical Engg. / May 2017 - Present

Till 7th Semester: 7.22

Central Board of Secondary Education

Graduated May 2016 / Delhi, India

Class 12: 77.4 %

Graduated May 2014 / U.P., India

Class 10: CGPA 7.4

Work Experience

In-Plant Trainee

Western Railway, Carriage Repair Workshop / Mumbai / Dec 2019 / 2 Weeks

- Prepared reports and technical documentation of day-to-day production processes.
- Reviewed production schedules and streamlined processes.

Project Management Intern

Larsen & Toubro Defence I.C. / Powai / Jun 2019 - July 2019 / 4 Weeks

- Worked on hydraulic systems for defence projects. Assured quality of different materials for turret systems.
- Used MS Excel to create and maintain comprehensive project documentation.
- Coordinated internal resources and third-party vendors for flawless execution of projects.

Workshop Details

Machine Learning Workshop

IIT Bombay / 2 Days

- Learned the Machine Learning and the new possibilities to solve complicated tasks easily.
- Built a Facial Recognition system using OpenCV.

Contact

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Links

LinkedIn://**piyushsinghofficial**

Github://**piyushsinghoffice**

Soft Skills

●●●● Project Management

●●●● Problem Solving

●●●● Multi-Tasking

●●●○ Microsoft Word and Excel

●●●○ Communication Skills

Technical Skills

Programming Languages:

• C • C++ • Python • Dart • JavaScript

Other Languages:

• HTML • CSS • SQL • C#

Software:

•AutoCAD •PTC Creo •SolidWorks •MATLAB •Ansys •Kali Linux

Tools:

•Git •Selenium •NumPy •Scikit-learn •Matplotlib •Pandas •Jupyter Notebook •Bootstrap •Tkinter •BabylonJS •Heroku •NPM

Projects

Audio Visualizer

- Designed an Audio Visualizer using multiple web technologies such as ElectronJS, ThreeJS.

Quadruped Robot with 12 DOF

- Designed and fabricated a quadrupedal robot (having 12 DOF) using a 3d printer with a dynamic rich motion skill.

Formula Student Race Car

- Designed and Fabricated Steering system and Chassis for NH Motorsports Formula Student Race Car for the event Formula Bharat 2021.

MOOC Certificates

- Getting Started with Python | University of Michigan | Coursera
- Python Data Structures | University of Michigan | Coursera
- Data Science Ethics | University of Michigan | Coursera
- Introduction to Big Data, University of California | San Diego | Coursera
- AI for everyone, Deeplearning.ai | Coursera
- Machine Learning: Regression | University of Washington | Coursera
- Network Security & Database Vulnerabilities, IBM | Coursera

Strengths

Teamwork   Dedicated

Adaptable   Responsibility

Optimistic   Creative

Detailed Oriented

Achievements

Won "Bronze Medal" by NSO for National Science Olympiad in December-2014