Vishnupriya J
Certified Machine Learning Professional

vishnupriya.jay06@gmail.com ✉

9003268952 ☐

24, Lal Bahadhur sastri street, lakshmipuram, thiruvanmiyur, Chennai, India ⊙

linkedin.com/in/vishnupriya-jayavardhana-776384168 in

Have a desire to work in Data Science and Machine Learning domain and take up responsibilities with utmost degree of persistence, dedication and excellence resulting in success and to the satisfaction of me and for the organization.

WORK EXPERIENCE

Machine Learning Intern
Near and Learn Pvt Ltd.
11/2020 – Present

Achievements/Tasks
- Applied theoretical expertise and innovation in trivial projects with the help of Python and NLP.
- Practiced multiple algorithms: Kmeans, Decision tree, Regression, Classification.
- Projects worked : House price prediction, Titanic dataset.

Machine Learning Project Intern
Healthcare Technology and Innovation Center.
12/2019 – 04/2020

Achievements/Tasks
- Created a project with the help of Machine learning algorithms and neural networks.
- Project involved complete Data preparation, network selection, training, evaluation and improvement.

Virtual Reality Intern
Healthcare Technology and Innovation Center.
06/2019 – 07/2019

Achievements/Tasks
- Implemented and exposed to many surgical applications and low level libraries such as OpenGL.
- Practiced several Medical application tools: Slicer, scripting, physics, VR frameworks like Unity.

EDUCATION

BTech Computer Science and Engineering
SRM Institute of Science and Technology
07/2016 – 05/2020   76%

12th
Chettinad Vidyashram
06/2015 – 05/2016   79%

10th
Chettinad Vidyashram
06/2013 – 04/2014   8.0

PROJECTS AND PUBLICATION

Medical Image Segmentation Application
- Best Project Award at RCICD Conference.
- Extracted live dataset of a patient's MRI spine image from Kaggle.
- Performed Instance segmentation of vertebra on the MRI spine image using Deep Learning Algorithm.
- Algorithm used- MASK R-CNN.
- Language used- Python.
- Paper was published on Journal of Emerging Technologies and Innovative Research, May 2020.
- **Link of the paper published:** http://www.jetir.org/papers/JETIRDV06020.pdf .

TECHNICAL SKILLS

Python, PHP, C/C++,HTML

Natural Language Processing.

Packages: Numpy, Pandas, Scikit-Learn, Matplotlib

Machine Learning Algorithms and models.

Tools: Anaconda, Jupyter Notebook, Spyder

CERTIFICATES

Best Project Award - RCICD Conference.

Machine Learning Certificate.

Python Certificate.

Machine Learning Project Internship.

Virtual Reality Internship.

AARUSH Co-Ordinator

Techozaar UI/UX workshop.

INTERESTS

Dance   Badminton   Travelling

Volunteer Work   Music

LANGUAGES

French
Limited Working Proficiency

Hindi
Limited Working Proficiency

Tamil
Full Professional Proficiency

Telugu
Professional Working Proficiency