ARPIT SHUKLA

*************@gmail.com

+91-***********

OBJECTIVE

Seeking for an internship to enhance my skills towards a challenging career in a growth-oriented leading organisation that values individual contributions, which will provide me opportunity for continual growth and advancement.

EDUCATION

COURSE	INSTITUTION	BOARD/UNIVERSITY	YEAR OF COMPLETION
B.Tech (Chemical Eng.)	National Institute of Technology, Srinagar	NIT Srinagar	2021
Intermediate(12th)	St.Judes College Unnao	ISC	2015
Matriculation(10th)	St.Judes College Unnao	ICSE	2013

EXPERIENCE

- **DEEP LEARNING AND COMPUTER VISION INTERN** at **Landryt**
  - Worked on the Classification Problem. Classification between PAN and AADHAR Card.
  - Worked on Classification of Different documents of Land and created a Web API using Flask. Written code from scratch and Trained Keras Model on Tensorflow.I got an accuracy of 90.8%.
  - Used Pytorch for better results and to enhance the accuracy.

- **DATA SCIENCE INTERN** at **UNKNOT.ID Inc**
  - Worked on Extrasensory Dataset. Created functions to read and process the publicly available smartphone sensing data. The analyzed smartphone data include accelerometer, gyroscope, location, app status, battery state, wifi availability.
  - Extracted features for Day and Night such as physical activity, mobility patterns, state of battery, app status. There were 51 labels and 52 features extracted from accelerometer and gyroscope.
  - Then feed the features to Unsupervised Learning algorithm and learned statistics of each cluster.
  - Trained Model using Logistic Regression algorithm and calculated accuracy of 87% and precision of 36%. Checked model on unseen data and got an accuracy of 84% and precision of 11 %

- **RESEARCH INTERN** at **CENTRE FOR ARTIFICIAL INTELLIGENCE AND ROBOTICS,DRDO BANGALORE**
  - Worked on Hand-digit Recognition . Implemented Deep L-layered Neural Network and train it on MNIST Dataset.

- **RESEARCH INTERN** at **INDIAN INSTITUTE OF SCIENCE, BANGALORE**
  - Worked on Sugarcane Crop Leaf Disease Detection Using Android App under Chief Research Scientist Dr. S N Omkar.There were six diseases (redrot , yellow leaf, healthy , rust , cercospora ,helmanthospura) .Prepprocessed the dataset and trained our keras model using Tensorflow and got of accuracy of 97.02%.Then we deploy our model to Android App using TensorFLow Lite. The App click the photo of leaf and detects the disease in it

  - Used a Pretrained model Faster RCNN COCO Dataset for Object detection of People ,Animal and Non-living things stuck in flood.

TRAININGS
- **UPTECH CONSULTANCY PRIVATE LTD. (**January 2018) – Core JAVA Training

TECHNICAL SKILLS
- Programming Languages: C, Python, JAVA
- Technologies: Machine Learning, Deep Learning, Computer Vision
- Software: Anaconda, Spyder, Codeblocks , Jupyter Notebook
- Platforms: Windows 7/8/10
- Web Development: HTML, CSS
- Database: MySQL

MOOC and Open Courseware
- Machine Learning, Stanford (Coursera)
- Machine Learning A-Z (Udemy)
- Deep Learning A-Z(Udemy)
- Mathematics for Machine Learning (Coursera)
- Intro to Python for Data Science(edX)
- Introduction to Python (Udacity)

POSITIONS OF RESPONSIBILITIES
- Internship Coordinator, NIT Srinagar (July 2019 -Present).
- Core Member, Semicolon - Coding Club of NIT Srinagar
  (August 2017- Present).
- Tedx NIT Srinagar 2018 - SponsorshipTeam.
- Team Co-Head, Sponsorship Team, Techvaganza'19 - Annual Techfest of NITSrinagar.
- Organising Head, Exordium'18 - Code RelayEvent.
- Participate and Presented NIT Srinagar in E-Summit'18 conducted by Entrepreneurship cell, IIT Bombay.

PROFESSIONAL PROFILES
- GITHUB: *
- LINKEDIN: https://www.linkedin.com/in/arpitshukla786

PERSONAL PROFILE
Date of Birth: 05/12/1998
Father's Name: Aditya Kumar Shukla

Mother's Name: Usha Shukla

Nationality: Indian

DECLARATION
I hereby declare that the above written particulars are true to my knowledge and belief.

ARPIT SHUKLA