Rohit Gupta

Machine learning practitioner, fast.ai contributor

Mobile: +91 8860117496
Email: rohitgr1998@gmail.com
GitHub: github.com/rohitgr7
Kaggle: kaggle.com/rohitgr

EDUCATION

- **Maharaja Agrasen Institute of Technology** — Delhi, India
  Bachelor of Technology in Computer Science and Engineering, 72.83% — Aug. 2016 – May 2020
- **Maharaja Agarsain Public School** — Delhi, India
  10th, 89.30% and 12th, 86.83% — Apr. 2013 – Mar. 2016

ACHIEVEMENTS

- **Top 3%** out of **3115** users in Kaggle's Intruder Detection through Webpage Session Tracking
- **Top 10%** out of **4127** teams in Kaggle's Elo Merchant Category Recommendation
- **Top 20%** out of **1157** teams in Kaggle's Histopathologic Cancer Detection

EXPERIENCE

- **Humonics Global** — Gurgaon, India
  Data Scientist Intern — Jun. 2019 – Jul. 2018
  Worked on "Automating Car Insurance Claims". This project involves the detection of car-parts and extent of damage with its type using object-detection algorithms.
- **Pupilmesh** — Remote
  Computer Vision Intern — Mar. 2019 – May 2019
  Worked on "Vehicle Detection and Tracking for Real-Time Systems". This project was aimed at tracking vehicles at real-time speeds on an embedded system.
- **CDOT** — Delhi, India
  Software Development Intern — Jun. 2018 – Jul. 2018
  Worked on PM testing of RAMAN Amplifier System.

PROJECTS

- **TVmodels:** Python package which contains the implementation of vision models with their pretrained weights that are not available in torchvision.
- **Neural Style Transfer:** The application can transfer textures from some art/painting on some input image kind-of like Prisma using a pretrained VGG16 model.
- **Facenet-tf:** Detect and verify faces using siamese networks. The project leveraged the convolutional neural nets to detect the known and unknown people in real-time.
- **Facial-emotion-recognition:** Detect real-time emotions of people using facial-features using CNNs.
- **Keras-opt:** This project can be used to add more schedulers and optimizers hacks while training Keras models for different purposes.
- **Neural Machine translation:** Implementation of different attention-based machine translation algorithms using the sequence to sequence networks with LSTM cells.