

Sharad Chitlangia

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EDUCATION

BITS PILANI

B.E. IN ELECTRONICS AND
 INSTRUMENTATION ENGINEERING
 Expected May 2021 | Goa, India
 Cum. GPA: 7.9

R.N. PODAR SCHOOL

Grad. May 2017 | Mumbai, India
 Grade XII | CBSE
 Score: 431/500 (86.4%)

LILAVATIBAI PODAR SCHOOL

Grad. May 2015 | Mumbai, India
 Grade X | ICSE
 Score: 567/600 (94.5%)

LINKS

Github:// [Sharad24](#)
 LinkedIn:// [sharadchitlangia](#)
 Twitter:// [sharad24sc](#)

TEACHING EXPERIENCE

- Introduction to Deep Learning
- Advanced and Applied Deep Learning
- Galaxy Classification using Neural Networks | Guide and Mentor

SKILLS

PROGRAMMING

Python ••••○
 C++ ••••○
 Git •••○○ Shell •••○○
 Latex ••○●○

FRAMEWORKS

Pytorch ••••○
 Tensorflow ••••○

CLOUD

AWS ••••○ GCP ••••○

OTHER EXPERIENCES

- President | Society for Artificial Intelligence and Deep Learning (<http://saidl.in>)
- Panel Coordinator - Programmer's Inc | Quark 2020
- Intel AI Student Ambassador

EXPERIENCE

HARVARD UNIVERSITY | EDGE COMPUTING LAB

JUNE 2019 - AUGUST 2019 | RESEARCH PROJECT INTERN
 Cambridge, MA, USA

- Worked at the intersection of energy efficiency and Deep Reinforcement Learning for Energy Constrained UAV like devices.
- All experiments in QuaRL (>350) in Tensorflow and TFLite.

GOOGLE SUMMER OF CODE INTERN | CERN-HSF

MAY 2019 - AUGUST 2019

- Developing and Porting of 3 Track Reconstruction Algorithms exposed in TrackML Competition into ACTS Framework
- Added an example of running Pytorch models in ACTS using Pytorch's C++ frontend libtorch.

UNFOUND.AI

MAY 2018 - AUGUST 2018 | MACHINE LEARNING INTERN

Mumbai, India

- Improved Information Retrieval System by incorporating techniques which focused more on semantics.
- Trained embeddings(ELMO) from a deep learning based model which could capture Semantic, Syntactic as well as Contextual information.
- Training stance detection models(ESIM) to detect if two pieces of articles have the same view points regarding a particular topic.

PUBLICATIONS

QUANTIZED REINFORCEMENT LEARNING - QUARL

Srivatsan Krishnan*, Sharad Chitlangia*, Max Lam*, Zishen Wan, Aleksandra Faust, Vijay Janapa Reddi
 Under review - ICLR '20 Conference Proceedings.

PROJECTS

NEURAL VOICE CLONING WITH FEW SAMPLES | [Link](#)

Jan 2018 - April 2018 | Goa, India

PARTICLE TRACK RECONSTRUCTION USING ML | [Link](#)

October 2018 - April 2019 | Dr. Kinjal Banerjee

EPILEPTIC SEIZURE DETECTION USING DEEP LEARNING | [Link](#)

September 2018 - December 2018 | Dr. Veeky Baths | Course Project

AUTONOMOUS DRONE NAVIGATION USING DEEP REINFORCEMENT LEARNING | [Link](#)

September 2018 - April 2019 | Project Lead | Funded Project

HUMAN SWARM INTELLIGENCE FOR RECONNAISSANCE | [Link](#)

October 2018 - April 2019 | Official Collaboration with Defence Research and Development Organisation, Govt. of India
 Certificate