

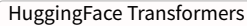




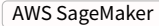





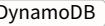
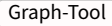







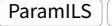








INDRANEIL PAUL

✉ Email  Github  Scholar  LinkedIn  Website

EDUCATION

09/22 - Pres.	ELLIS PhD Candidate in Informatics, TU Darmstadt	
07/17 - 07/19	Masters by Research in Computer Science, IIIT Hyderabad	CGPA 8.52
08/13 - 05/17	Bachelors of Technology in Computer Science, IIIT Hyderabad	CGPA 6.85






WORK EXPERIENCE

- 04/20 - 08/22 Applied Scientist , AMAZON INC. (ADVERTISING), Bangalore**
- Created text, image and multi-modal models for improving EU ad moderation automation by 28%
 - Researched multi-modal, multi-lingual and multi-task pre-training objectives for ad catalog tagging
 - Devised sample-efficient training methods for ViT models using self-labelling and sub-task distillation
-      
- 07/19 - 03/20 Software Development Engineer , AMAZON INC. (LOGISTICS), Hyderabad**
- Implemented a planner enabling merchants to rank options and schedule last-mile package drop-offs
 - Oversaw database tuning, JVM optimizations and message queue setup for event ingestion service
-      
- 06/17 - 08/19 Research Assistant , IIIT-H LANGUAGE TECHNOLOGIES RESEARCH CENTER, Hyderabad**
- Employed temporal activity, network and Tweet-based features to characterize verified users on Twitter
 - Curated a **dataset** of 235K+ verified Twitter users, containing 79M+ edges and 494M+ Tweets
-        
- 06/18 - 07/19 Research Assistant , IIIT-H MACHINE LEARNING LAB, Hyderabad**
- Researched constraint-aware two-sided matching algorithms on dynamic bipartite graphs
 - Explored non-manipulable preference elicitation for ride sharing drivers
-     
- 05/17 - 07/17 Google Summer of Code , GREEN NAVIGATION, Hamburg**
- Implemented LSTM based EV charge prediction and reduced absolute forecasting error by 39%
 - Productionized Bayesian Optimization service toward optimal hyperparameter selection for models
-    

SUMMER SCHOOLS

- 09/21 Gaussian Process and Uncertainty Quantification Summer School (GPSS)
07/21 European Summer School in Logic, Language and Information (ESSLLI)

PUBLICATIONS

- SUB-TASK IMPUTATION VIA SELF-LABELLING TO TRAIN IMAGE MODERATION MODELS ON SPARSE NOISY DATA
CIKM 2022, Atlanta TO APPEAR
Indraneil Paul, Sumit Negi
- PROMPTING LANGUAGE MODELS FOR FEW-SHOT ADVERSARIAL TEXT LOCALIZATION IN E-COMMERCE ADS
ICONIP 2022, New Delhi TO APPEAR
Indraneil Paul, Gaurav Rajput, Pooja A
- INSIGHTS INTO, ANALYSES AND PREDICTION OF VERIFIED USERS ON TWITTER
Masters Thesis, IIIT Hyderabad  ABSTRACT |  PDF
Indraneil Paul
- WHAT SETS VERIFIED USERS APART? INSIGHTS, ANALYSIS AND PREDICTION OF VERIFIED USERS ON TWITTER
WebSci 2019, Boston  ABSTRACT |  PDF
Indraneil Paul, Abhinav Khattar, Shaan Chopra, Ponnurangam Kumaraguru, Manish Gupta
- ELITES TWEET? CHARACTERIZING THE TWITTER VERIFIED USER NETWORK
LSGDA Worskshop, ICDE 2019, Macau  ABSTRACT |  PDF
Indraneil Paul, Abhinav Khattar, Shaan Chopra, Ponnurangam Kumaraguru, Manish Gupta