

SUPRITI VIJAY

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EDUCATION

Bachelor of Computer Science and Engineering, Manipal Academy Of Higher Education Expected 2023
With a minor in Big Data Technology **Cum. GPA: 9.06/10**

Relevant Coursework:

- OOPs, Computer Networks, OS, Computer Architecture, Database Management, Parallel Computing
- Compiler Design, Social Network Analysis, Cloud Computing, Design of Algorithms
- Intro to Philosophy and Culture, Indo-European Intercultural Dynamics, Culture and Literature in Society

EXPERIENCE

MITACS Globalink Research, [Lakehead University](#) Jul 2022 – Present
Research intern under Supervisor- Dr. Amine Trabelsi *Remote*

- Surveyed previous literature on Online Harmful behaviour (Hate Speech, Offensive, Toxic Text etc.)
- Proposed taxonomy of works for Anti-Social Behaviour

Media and Data Science Lab, [Adobe Research](#) May 2022 – Sep 2022
Research intern under Supervisor- Dr. Chirag Agarwal and Shripad Deshmukh *Remote*

- Surveyed and Analysed existing literature on counterfactual generation
- Developed a methodology to integrate Explainability in the form of Counterfactuals with Reinforcement Learning

University of Copenhagen - Københavns Universitet, Denmark Sep 2021 – Jan 2022
Research Intern under Supervisor - Dr Jakob Grue Simonsen, Dr. Akrati Saxena *Remote*

- Spearheaded a team of 100+ interns and annotators
- Created a dataset of Educational websites mined through large-scale web crawling

Agency for Science, Technology and Research (A*STAR), Singapore Jul 2021 – Dec 2021
Research Intern under Supervisor - Dr Saurabh Aggarwal *Remote*

- Reviewed temporal behaviour of signed networks on social media and their effect on the structural balance

PUBLICATIONS

1. **Vijay, S.**, & Priyanshu, A. NERDA-Con: Extending NER models for Continual Learning — Integrating Distinct Tasks and Updating Distribution Shifts. Accepted at the Updatable Machine Learning Workshop, ICML 2022 (2022). [\[Code\]](#)[\[Link\]](#)
2. Priyanshu, A., Vardhan, A., Sivakumar, S., **Vijay, S.** & Chhabra, N. "Something Something Hota Hai!" An Explainable Approach towards Sentiment Analysis on Indian Code-Mixed Data. Accepted at Workshop on Noisy User-generated Text (W-NUT), EMNLP 2021 (2021). [\[Link\]](#)
3. Gupta, G., **Vijay, S.**, Ramesh, K. Detecting Gender Bias using Explainability. Accepted at Workshop on Widening Natural Language Processing (WiNLP) workshop, EMNLP 2021 (2021). [\[Video\]](#)
4. Priyanshu, A., Vardhan, A., Sivakumar, S., **Vijay, S.** & Chhabra, N. ExCode-Mixed: Explainable Approaches towards Sentiment Analysis on Code-Mixed Data using BERT models. [\[Link\]](#)

PROJECTS

TabNAS [\[Code\]](#)
• Neural architecture search for no code users. Generalized for both classification as well as regression tasks.

SKILLS

Progr. Languages & Frameworks Python, Java, C, C#, PyTorch, TensorFlow, HuggingFace, Flutter
Languages English, Hindi, Bahasa Indonesia, Malay

EXTRA-CURRICULAR ACTIVITIES

Adobe India Women-in-Technology Scholar 2022 [\[Link\]](#) Nov 2021
General Secretary, [Research Society Manipal](#) Feb 2021 — Sep 2022
Second Runner's Up, [#ShowYourSkill \(Coursera\)](#) June 2022
Awarded a Research Seed Grant for UG & PG Students Feb 2022
Microsoft Technology Associate Certification - Intro. in Programming using Python [\[Link\]](#) Aug 2020