

Pranav A

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Education

Hong Kong University of Science and Technology

September 2017 – June 2018

Masters in Big Data Technology

Portfolio: Visit [this repository](#) to check all my work presented during my Masters.

Vellore Institute of Technology

August 2013 – June 2017

Bachelors in Computer Science and Engineering

Thesis: Exploration of Heuristics in Information Retrieval in Applications of Approximate String Similarity

Work Experience

Dayta AI

October 2018 – Present

Machine Learning Head

- NLP side: Worked on paraphrasing, Chinese script conversion, neural keyword extraction, conversational systems, reading comprehension, and summarization.
- CV side: Worked on video classification and neural search engines

Inflo

June 2018 – October 2018

NLP Engineer

- Worked on graphical keyword extraction, topic classification, data augmentation and curation.

Peer Reviewed Publications

Alignment Analysis of Sequential Segmentation of Lexicons to Improve Cognate Detection

ACL Student Research Workshop 2018

Pranav A

- Subject areas: Morphology, Information Retrieval
- [Link to the paper](#)

Learn Languages First and Then Convert

NAACL Student Research Workshop 2019

Pranav A, S.F. Hui, I-Tsun Cheng, Ishaan Batra and Chiu Yik Hei

- Subject areas: Morphology, Deep Learning
- Non-archival track

BREAK, MAKE and TAKE: An Information Retrieval Approach

Sadhana Journal, Springer

Pranav A, R Rajeshkannan, V Vijayarajan, V B Surya Prasath

- Subject areas: Morphology, Information Retrieval
- [Link to the paper](#)

Bit Partitioning Schemes for Multicell Zero-Forcing Coordinated Beamforming

IEEE-ICIIS 2016

Pranav A

- Subject areas: Information Theory, Optimization
- [Link to the paper](#)

Preprints and Notable Projects

(For more projects, please visit my website)

Inflo: News Categorization and Keyphrase Extraction for Implementation in an Aggregation System

Natural Language Processing, Information Retrieval

[Link to the preprint](#)

Security Analysis of Bitcoin Transactions through Statistical Graph Annotation

Graph Theory, Blockchain Technologies

[Link to the repository](#)

Sandwiching Transferred Models of Sparse Vectors in Deep Learning

Recommender Systems, Transfer Learning in Deep Learning

[Link to the repository](#)

Keyword Graph to Sequence

Graph Theory, Neural Language Generation

[Link to the repository](#)

Exploration of Proximity Heuristics in Length Normalization

Information Retrieval

[Link to the preprint](#)

Exploration of Heuristics in Information Retrieval in Applications of Approximate String Similarity

Information Retrieval

Undergrad Thesis, [Link to the repository](#)

Miscellaneous

- **Proficient in:** Python, \LaTeX , Pytorch, NLTK
- **Awards:** Travel Grants for NAACL 2019 and ACL 2018, Entrance Scholarship for HKUST, Best Student Paper Award, High GPA Award in VIT University