

PRANAV MANERIKER

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pranavmaneriker.github.io

RESEARCH INTERESTS

Natural Language Processing, Statistical Inference, Data Mining

EDUCATION

The Ohio State University

August 2018 | Present

PhD in Computer Science and Engineering. Advisor: Prof. Srinivasan Parthasarathy

IIT Kanpur

June 2012 | Jun 2016

B. Tech. Computer Science and Engineering. *GPA: 9.2/10*

Minor in English Literature

EXPERIENCE

The Ohio State University

Columbus, Ohio

Research Assistant

Aug 2018 | Present

- Ontology and relation modeling in transfer learning settings
- Semantic analysis of text, including style and intent

Adobe Research

Bengaluru, India

Research Scientist

June 2016 | Jul 2018

Research Intern

May 2015 | Jul 2015

- Natural language processing problems including text summarization, computational creativity and style and affect in text
- Statistical modeling of effectiveness with synthetic control based econometric methods
- Frequent itemset mining based models for large scale prediction
- Experiment design for evaluation
- Work resulted in multiple patents and publications

IIT Kanpur

Kanpur, India

Teaching Assistant, Introduction to Programming

Jan 2016 | Apr 2016

Teaching Assistant, Data Structures and Algorithms

Aug 2015 | Nov 2015

SELECTED PUBLICATIONS

- Balaji Vasan Srinivasan, Pranav Maneriker, Kundan Krishna, and Natwar Modani. **Corpus-based Content Construction**, Proceedings of the 27th International Conference on Computational Linguistics (COLING), 2018
- Atanu Sinha, Meghanath Macha, Pranav Maneriker, Sopan Khosla, Avani Samdariya, Navjot Singh. **Anti-Ad Blocking Strategy: Measuring its True Impact**, 2017 TargetAd and AdKDD (KDD workshop)
- Gaurush Hiranandani, Pranav Maneriker, Harsh Jhamtani. **Generating Appealing Brand Names**, Computational Linguistics and Intelligent Text Processing (CICLing) 2017
- Natwar Modani, Pranav Maneriker, Gaurush Hiranandani, Atanu Sinha, Utpal, Vaishnavi Subramanian, Shivani Gupta. **Summarizing Multimedia Content** Web Information Systems Engineering – WISE 2016

PATENTS

- BV Srinivasan, SK Saini, K Krishna, Anandhavelu N, T Goyal, P Maneriker, C Huesler, **Bundling Online Content Fragments For Presentation Based on Content-Specific Metrics and Inter-Content Constraints**, US Patent App. 15/687,658, 2018
- N Modani, V Subramanian, S Gupta, P Maneriker, Utpal, G Hiranandani, A Sinha, **Multimedia Document Summarization**, US Patent App. 14/947,964, 2017
- N Modani, V Subramanian, S Gupta, P Maneriker, Utpal, G Hiranandani, A Sinha, **Determining quality of a summary of multimedia content**, US Patent 9,454,524, 2016

AWARDS AND ACHIEVEMENTS

- **Aditya Birla Group Scholarship** (2012 - 2016) Awarded to about 15 students from the top Engineering Schools across India on the basis of academic and co-curricular excellence
- **Academic Excellence Award** (2013) Awarded to top 7% of the students in the university
- **International Collegiate Programming Contest (ICPC 2014)** Positioned 22nd among the top 250 teams across India in Amritapuri Regionals.
- **IIT JEE, AIEEE** (2012) Ranked 145 among 0.5 million, and 39 out of 1.2 million candidates respectively in National Engineering Entrance examinations.

RELEVANT COURSEWORK

Data Structures and Algorithms, Probability and Statistics, Probabilistic Machine Learning, Machine Learning for Computer Vision, Approximation Algorithms, Parallel Computing (Current)

LANGUAGES AND FRAMEWORKS

Languages	Java, C++, C, Python, Bash (shell scripting), Javascript, Haskell, Ruby
Frameworks	PyTorch, Tensorflow, scikit-learn, Git, AWS

EXTRA CURRICULAR EXPERIENCE

- Former National Record Holder for Rubik's Cube One Handed and Fewest Moves Solving (2013). Also coordinated the activities of the Rubik's Cube Hubby Group on campus, including organizing an official World Cube Association Competition
- Actively involved in Literary Discussion Group at IIT Kanpur (2013-2016)
- Regular participant in sprint distance triathlons and up to half marathon distance runs.

REFERENCES

Dr. Srinivasan Parthasarathy	Dr. Atanu Sinha	Dr. Subhajit Roy
Professor	Principal Scientist	Assistant Professor
Computer Science and Engg.	Adobe Research	Computer Science and Engg.
The Ohio State University	Professor Emeritus, CU Boulder	IIT Kanpur