

Puneet Mathur

pmathur3k6@gmail.com • 91 9971508172 • HomePage: <http://theMADAIguy.github.io>
LinkedIN: <https://www.linkedin.com/in/themadaiguy> • Google Scholar: <https://tinyurl.com/puneet-mathur>

EDUCATION

Netaji Subhas Institute of Technology (NSIT), New Delhi, India

- B.E. in Computer Engineering
 - Overall Percentage: 70.75%
 - Final Year Percentage: 77.10 %

Aug 2014 – May 2018

PUBLICATIONS

- [1] **Exploring Classification of Histological Disease Biomarkers from Renal Biopsy Images**
IEEE Winter Conference on Applications of Computer Vision (WACV) 2019
Puneet Mathur*, Meghna P. Ayyar*, Rajiv Ratn Shah and Shree G Sharma
- [2] **Harnessing AI for Kidney Glomeruli Classification**
IEEE International Symposium on Multimedia (ISM) 2018
Meghna P. Ayyar*, Puneet Mathur*, Rajiv Ratn Shah and Shree G Sharma
- [3] **Identification of Emergency Blood Donation Request on Twitter**
Social Media Mining for Health Applications Workshop (SMM4H), EMNLP 2018
Puneet Mathur, Meghna Ayyar, Sahil Chopra, Simra Shahid, Laiba Mehnaz and Rajiv Shah
- [4] **Did You Offend Me? Classification of Offensive Tweets in Hinglish Language**
Abusive Language Workshop (ALW2), EMNLP 2018
Puneet Mathur, Ramit Sawhney, Meghna Ayyar and Rajiv Shah
- [5] **Detecting Offensive Tweets in Hindi-English Code-Switched Language**
Workshop on Natural Language Processing for Social Media (Social NLP), ACL 2018
Puneet Mathur, Rajiv Shah, Ramit Sawhney, and Debanjan Mahata
- [6] **Exploring and Learning Suicidal Ideation Connotations on Social Media with Deep Learning**
WASSA, EMNLP 2018
Ramit Sawhney, Prachi Manchanda, Puneet Mathur, Rajiv Shah and Raj Singh
- [7] **A Firefly Algorithm Based Wrapper-Penalty Feature Selection Method for Cancer Diagnosis**
International Conference on Computational Science and Its Applications (ICCSA) 2018
Ramit Sawhney, Puneet Mathur and Ravi Shankar

PATENTS

Shah, Rajiv. (2018). Kidney Biopsy Assessment System and Method. IN201811043770

Rajiv Ratn Shah, Shree G Sharma, Puneet Mathur and Meghna P. Ayyar

WORK EXPERIENCE

Estee Advisors, Gurgaon, India

- Analyst, Quantitative Strategy and Algorithms Department
 - As part of the asset management team of the hedge fund, developed statistical modeling and asset allocation optimization algorithms for a portfolio of INR 20 million.

Jun 2018 – Present

Makemytrip, Gurgaon, India

- Intern, Software Development Engineer
 - As a part of the Right Stay team, developed Android and iOS cross platform mobile apps using React Native.

Apr 2017 – Jul 2017

RESEARCH EXPERIENCE

Multimodal Digital Media Analysis (MIDAS) Lab, IIIT Delhi, India

- Research Assistant
 - Supervisor: Prof. Rajiv Ratn Shah, Ph.D. NUS
 - Focus: Machine Learning Applications, Deep Learning, Natural Language Processing, Bio-medical Computer Vision, Multimedia Analysis, Bioinformatics and Health Media

Jun 2018 – Present

Jan 2018 – May 2018

GRANTS

- ALW2 EMNLP Student Travel Grant
Full funding awarded to authors of accepted papers for attending Abusive Language Workshop (ALW2) at EMNLP 2018
- AICTE-INAE Travel Grant Scheme by Government of India
Travel grant awarded by All India Council for Technical Education for SMM4H workshop at EMNLP 2018

PROFESSIONAL SERVICES

- Reviewer for IEEE International Conference on Multimedia and Expo (ICME) 2019
- Reviewer for MR2AMC Workshop, International Symposium n Multimedia (ISM) 2018