Shakeel Ahmad Sheikh

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Research Interests:

Artificial Intelligence, Natural Language Processing, Deep Learning, Visual Speech Processing, Mathematics

Education:

- *2019-2022*: **PhD**, NLP, *INRIA-LORIA*, *Universite de Lorraine*, Nancy, France.
  - *Thesis:* **Identifying disfluency in speakers with stuttering, and its rehabilitation, using Deep Learning**
- *2017-2019:* **MS**, Informatics, CGPA: 3.67/4, Rank 1, *Istanbul University*, Turkey.
  - *Thesis:* Intelligent Clustering of Authentic Religious Texts based on Contextual Similarity Using Deep Learning
- *2018-2019:* **M1**, Informatics, *Grenoble Alpes University*, France.
  - *Project:* Neural Machine Translation in Low Resource Settings Using pre-trained Contextual Embeddings
- *2011-2015:* **B.Tech**, Computer Science Engineering, CGPA: 83.48/100, Rank 1, *University of Kashmir*, India

Deep Learning & NLP Summer Schools:

- *Aug-2020*: **Oxford Machine Learning Summer School 2020** OxML2020 Organised by AI for Global Goals and in partnership with Oxford Saïd Business School, Oxford Deep Medicine Program, and Canada CIFAR
- *July-2020*: **Lisbon Machine Learning Summer School 2020**, LxML2020
  Organized jointly by IST, the Instituto de Telecomunicacoes, the Instituto de Engenharia de Sistemas e Computadores, Investigacao e Desenvolvimento em Lisboa (INESC-ID), Unbabel, Priberam Labs and Cleverly
- *Jan-2021*: **Advanced Language Processing School 2021** ALPS2021
  Organized by LIG (Univ. Grenoble Alpes) and Naver Labs Europe

Online Courses:

- *Apr-2020*: Natural Language Processing in TensorFlow by deeplearning.ai on Coursera, Certificate
- *Apr-2020:* Deep Neural Networks with PyTorch with IBM on Coursera with IBM on Coursera, Certificate
- *Sep-2019:* Convolutional Neural Networks in TensorFlow, deeplearning.ai Certificate
- *Aug-2019:* Introduction to TensorFlow for AI, ML, and DL, deeplearning.ai Certificate
- *Oct-2018:* Machine Learning by Stanford University on Coursera, Certificate
- *Sep-2018:* Neural Networks and Deep Learning by deeplearning.ai on Coursera, Certificate
- *Aug-2017:* A Crash Course in Data Science by Johns Hopkins University Certificate

Work Experience:

- *Jan-2019-Jun-2019:* Internship, Getalp group of Laboratoire d´Informatique de Grenoble (LIG),Neural Machine Translation in Low Resource Settings Using Pre-Trained Contextual Embeddings
- *2015–2016:* Database cum QAC Engineer, BQE Software Inc.

Projects:

- Robotics and IoT: Balloon Detection and Obstacle Avoidance in C++ & ROS.
- Human Computer Interaction Project: Hotel for Pets.
- Regalia Database Design and Schema in ORACLE
- Chat Application in JAVA.
- NachOS Operating System Design in C & C++.
- Babble: Thread Server in C.
- Virtual Memory Allocator in C

Professional Skills:

- *Programming:* C, C++, JAVA, MySQL, **Python**, TCL, HTML, UML, FORTRAN
- *Tools:* **PyTorch**, **TensorFlow**, Git, MATLAB, OCTAVE, NUMPY, KERAS, PANDAS, SCIPY, SCKIT-LEAARN, NLTK, OpenNMT OpenMP, OpenMPI, ROS(BASICS)

Honours and Awards:

- ANR Scholarship for Phd Research, Universite de Lorraine
- University Scholarship for PhD, China University of Petroleum (East China).
- Nomination for Chinese Government Schorlaship
- Nomination for Korean Government Scholarship
- Turkey Burslari Scholarship Winner
- Qualified Nationwide Gate in Computer Science
- 1st Rank, Highest Percentage in B.Tech CSE *University of Kashmir, Srinagar ,India*
- 1st Rank, High School, Sheikh ul Aalam Memorial School, Srinagar, India
- Achieved 2nd Rank in Mathematics in HSC (Kashmir State)

Scientific Reports and Papers:

- **Shakeel A. Sheikh**, Md Sahidullah, Fabrice Hirsch, Slim Ouni. StutterNet: Stuttering Detection Using Time Delay Neural Network. EUSIPCO 2021 – 29th European Signal Processing Conference, Aug 2021, Dublin, Ireland. ffhal-03227223
- **S.A.Sheikh**, L. Besacier. *Neural Machine Translation in Low Resource Settings Using Pre-Trained Contextual Embeddings*, LIG, Grenoble, France

References:

1. Slim Ouni, web, email: slim.ouni@loria.fr
2. Md Sahidullah, web, email: md.sahidullah@inria.fr
3. Dawood A. Khan, web, email: dawood.khan@uok.edu.in
4. Ajaz Ahmad Bhat, web, email: ajaz706@gmail.com