

# Shakeel Ahmad Sheikh

## Curriculum Vitae

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### Research Interests

Artificial Intelligence, Data Science, Machine Learning, Deep Learning, Robotics, Computer Vision, Natural Language Processing.

### Education

- 2019–2022 **PhD, Multispeech Team of LORIA-INRIA**, Université de Lorraine, Nancy, France.  
*Thesis:* Identifying disfluency in speakers with stuttering, and its rehabilitation, using Deep Learning
- 2017–2019 **MS, Informatics**, Istanbul University, Istanbul, Turkey.  
3.67/4. Rank: 1<sup>st</sup>: *Thesis Title:* Intelligent Clustering of Authentic Religious Texts based on Contextual Similarity Using Deep Learning Techniques
- 2018–2019 **M1, Informatics**, Grenoble INP Ensimag - Université Grenoble Alpes, Grenoble, France.  
*Project:* Neural Machine Translation in Low Resource Settings Using Pre-Trained Contextual Embeddings
- 2011–2015 **Bachelor of Technology, Computer Science Engineering**, University of Kashmir, Srinagar, India.  
83.48/100. Rank: 1<sup>st</sup>: *Project:* Performance Evaluation of Routing Protocols in Adhoc Networks

### 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 Saïrd 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-2020 **Advanced Language Processing School 2021**, [ALPS2021](#).  
Organized by LIG (Univ. Grenoble Alpes) and Naver Labs Europe

### Online Courses

- April-2020 **Natural Language Processing in TensorFlow by deeplearning.ai on Coursera**, [Certificate](#) earned on Wednesday, April. 19, 2020.
- April-2020 **Deep Neural Networks with PyTorch with IBM on Coursera**, [with IBM on Coursera](#), [Certificate](#) earned on Wednesday, April. 04, 2020.
- Sept-2019 **Convolutional Neural Networks in TensorFlow**, [deeplearning.ai](#), Certificate earned on Wednesday, Sept. 01, 2019.
- Aug-2019 **Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning**, [deeplearning.ai](#), Certificate earned on Wednesday, Aug. 31, 2019.

- Aug-2017– **Machine Learning by Stanford University on Coursera**,  
 Oct-2018 *Grade Achieved: 96.5%*, Certificate earned on Wednesday, Oct. 25, 2017.
- Jul-2017–Sep-2018 **Neural Networks and Deep Learning by deeplearning.ai on Coursera**,  
*Grade Achieved: 96.4%*, Certificate earned on Monday, September 11, 2017.
- 2017 **A Crash Course in Data Science by Johns Hopkins University**,  
*Grade Achieved: 100%*, Certificate earned on August 27, 2017.

## Work Experience

- Jan-2019–Jun-2019 **Internship**, **GETALP** group of Laboratoire d'Informatique de Grenoble (LIG), Grenoble, France.  
 Neural Machine Translation in Low Resource Settings Using Pre-Trained Contextual Embeddings
- 2016–2017 **Project IntelliAD**, *IntelliAD: Machine Learning based Intelligent Advertising System*, Turkey.
- 2015–2016 **Database Programmar**, *BQE Software Inc*, Srinagar, India.  
 Data Conversion and Quality Assurance Control
- Feb-2014–Mar-2014 **Insternship**, *NIELIT*, Srinagar, India.  
 JAVA Programming

## Projects

- Language Detection using NLTK in PYTHON.
- Prediction of Student Selection Using Neural Networks in PYTHON.
- Image Classification using CNN in PYTHON.
- 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.
- Prediction of House Prices using Linear Regression in PYTHON.
- Text Classification using KNN in PYTHON.
- Text Categorization using K-Means in PYTHON.
- Text Embedding Techniques (Word2Vec & GloVe) for Sentiment Analysis: A Review in PYTHON.
- Performance Evaluation of Routing Protocols in Adhoc Networks in TCL.
- IntelliAD: Machine Learning based Intelligent Advertising System.
- Intelligent Clustering of Religious Texts Based on Contextual Similarity using Deep Learning Techniques .

## Professional Skills

- Programming C, C++, JAVA, MYSQL, **Python**, TCL, HTML, UML, FORTRAN
- Tools MATLAB, OCTAVE, NUMPY, KERAS, PANDAS, SCIPY, SCKIT-LEAARN, NLTK, **PyTorch**, **TensorFlow**, OPENMP, OPENMPI, ROS(BASICS)
- Softwares BillQuick, WebSuite, ArchiOffice
- worked on
- OS LINUX, WINDOWS
- Type Setting L<sup>A</sup>T<sub>E</sub>X, MS OFFICE, LIBRE OFFICE

## Honours and Awards

- 2009 1<sup>st</sup> Rank, High School, Sheikh ul Aalam Memorial School, Srinagar, India
- 2011 Achieved 2<sup>nd</sup> Rank in Mathematics in HSC (Kashmir State)
- 2015 1<sup>st</sup> Rank, Highest Percentage in B.Tech CSE *University of Kashmir, Srinagar ,India*

2016 Qualified Nationwide Gate in Computer Science  
2016 Nomination for Chinese Government Scholarship  
2016 Nomination for Korean Government Scholarship  
2016 Turkey Burslari Scholarship Winner

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## Languages

Kashmiri (native), English, Urdu, Turkish, Arabic, French (Learning)

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## Scientific Reports

**S.A.Sheikh**, K.M.Shafi, *Text Embedding Techniques for Sentiment Analysis: A Review*, in conference at University of Kashmir titled Software Engineering & Data Science, June 20-21, 2018, The Communications, ISSN: 09756558, Vol 27, No (1), 2019

**S.A.Sheikh**, Dr. Dawood A.Khan *IntelliAd- Machine Learning based Intelligent Advertising System- 4th International Management Information Systems Conference "Industry 4.0"* Oct. 2017, Istanbul University, Turkey

**S.A.Sheikh**, L. Besacier. *Neural Machine Translation in Low Resource Settings Using Pre-Trained Contextual Embeddings*, LIG, Grenoble, France

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## References

Dr. Dawood Ashraf Khan, Assistant Professor (University of Kashmir, India)  
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Dr. Ajaz Ahmad Bhat, Senior Research Associate (University of East Anglia, UK)  
Email; a.bhat@uea.ac.uk