Dr. Mani Bansal

Contact

Address
Bathinda, PB, 151001

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Skills

Python

C

C++

Tensorflow

Area of Interest

Artificial Intelligence
Machine Learning
Deep Learning
Natural Language
Processing (NLP)
Machine Translation

Languages

Hindi

Excellent

Punjabi

Eager to make positive contribution to work. Can handle all the responsibilities associated with the position effectively. Getting an opportunity to work with the organization would be a huge chance and hope to avail it.

Experience

2022-01 – 2022-06	**PCTE Group of Institutes -** *Ludhiana* • Subjects: Machine Learning, Artificial Intelligence, Design and Analysis of Algorithm
2016-08 – 2016-11	**Punjab Institute of Technology (PIT)-** *GTB Garh (Moga)* • Subjects: Problem Solving using C language, Microprocessor

Education

2016-07 – 2022-07	**Ph.D.** *Jawaharlal Nehru University - New Delhi* • Thesis Title: Machine Translation of Indian Languages using Machine Learning
2014-07 - 2016-07	**M.Tech in Computer Science And Technology** *Jawaharlal Nehru University - New Delhi* • Dissertation Title: English to Hindi Machine Translation using Moses • Percentage: 88.0
2009-07 - 2013-06	**B.Tech in Computer Science And Engineering** *Punjabi University - Patiala* • Percentage: 86.4
2008-04 - 2009-05	**Intermediate** *R.B.DAV. Sr. Sec. Public School - Bathinda* • Percentage: 80.60

English

Excellent

Very Good

| 2006-04 - 2007-03 | **High School** |

M.S.D. Sr. Sec. Public School - Bathinda

- Percentage: 83.80

Awards and Recognition

- Qualified UGC-NET in Computer Science Discipline held on November 2017.

- Qualified Gate 2014 in Computer Science and Information Technology.

- Selected at CSIR-Direct SRF position in Computer Engineering Sciences Discipline held in February 2018.

- Participated in IASNLP-2018 Summer School held from 25 June- 7 July 2018

- Member of Organizing Committee of International Conference of Springer (ICSNCS-2016) held in 25-27 February 2016

Publications

Journal Articles

M.Bansal, D.K. Lobiyal (2021), "Multilingual Sequence to Sequence Convolutional Machine Translation", In. *Multimedia Tools and Applications* 80, pp. 33701- 33726. DOI 10.1007/s11042-021-11345-6.

M.Bansal, D.K. Lobiyal (2021), "Context-Based Machine Translation of English-Hindi using CE-Encoder", In. Journal of Computer Science, 17(9), pp. 825- 843. DOI 10.3844/jcssp.2021.825.843

Conference Proceed

M.Bansal, D.K. Lobiyal (June, 2020),"Word-Character Hybrid Machine Translation Model", In: *8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO). IEEE, pp. 270-274.*

M. Bansal, D.K. Lobiyal (February, 2021),"Incorporating Distinct Translation System Outputs into Statistical and Transformer Model", In: *International Semantic Intelligence Conference (ISIC)* , *Springer,* pp. 394-401.

M.Bansal, G. Jain (October, 2017), "Improvement of English-Hindi Machine Translation using Conceptnet", In: *2017 Recent Developments in Control, Automation & Power Engineering (RDCAPE)*, IEEE, pp. 198-202.