

# MAJID AHMAD KUNDROO

## PhD Scholar & Techie

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in kundroomajid

## EDUCATION

PhD in Information & Communication Engineering

Chungbuk National University

March 2022 – Feb 2025

Cheongju, South Korea

M.S. in Computer Applications

IUST

Sept 2016 – Sept 2019

J&K India

## EXPERIENCE

Research Assistant

IUST, J&K

Aug 2020 – Feb 2022

J&K, India

Working as a research assistant in a funded project entitled "Apple disease detection and recommender (ADDR)"

- Data Collection.
- Worked on development of deep learning models (CNN) for project ADDR.
- Developed an Android app that can predict diseases from apple leaves and recommend possible solutions to cure that disease based on deep learning.

Software Developer

Cloud Innovation Partners

May 2019 – Apr 2020

J&K, India

- Worked on cloud based platforms for backup and restore of SAAS data.
- Worked on cloud based synthetic test data generator.

## PUBLICATIONS

### Journal Articles

- P. K. Quan, M. Kundroo, and T. Kim, "Experimental evaluation and analysis of federated learning in edge computing environments," *IEEE Access*, pp. 1–1, 2023. DOI: 10.1109/access.2023.3262945.
- L. H. Phuc, M. Kundroo, D.-H. Park, S. Kim, and T. Kim, "Node-based horizontal pod autoscaler in KubeEdge-based edge computing infrastructure," *IEEE Access*, vol. 10, pp. 134 417–134 426, 2022. DOI: 10.1109/access.2022.3232131.
- M. Bhat, M. Qadri, N.-U.-A. Beg, M. Kundroo, N. Ahanger, and B. Agarwal, "Sentiment analysis of social media response on the covid19 outbreak," *Brain, Behavior, and Immunity*, vol. 87, pp. 136–137, 2020.
- M. R. Bhat, M. Kundroo, T. A. Tarray, and B. Agarwal, "Deep LDA : A new way to topic model," *Journal of Information and Optimization Sciences*, vol. 41, no. 3, pp. 823–834, Jun. 2019. DOI: 10.1080/02522667.2019.1616911.

### Conference Proceedings

- M. Kundroo, M. Qadri, and M. R. Bhat, "Understanding twitter usage during covid19 and analyzing perceptions," in *International Conference on recent COVID-19 studies in Social Sciences*.
- M. Kundroo, M. Qadri, and M. R. Bhat, "Social media as enablers for social change: Viewing public health, participation of citizenry, user reception through twitter perception about covid-19 vaccination using ai," in *International Conference on Social Media amp; Developing Societies (IMPETUS 2021)*.

### Book Chapter

- M. Qadri, M. Bhat, M. Kundroo, I. Chilwa, and G. Bouvier, "What are millions of hashtags " and tweets saying? extracting themes from twitter communication using biterm topic model," in *Twitter: Global Perspectives, Uses and Research Techniques/ Perspectives, Uses and Research Techniques* (Media and Communications – Technologies, Policies and Challenges), Media and Communications – Technologies, Policies and Challenges. Nova Science Publishers, 2019, pp. 293–316.

## LANGUAGES

English



## REFEREES

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