

**Please cite the Published Version**

Rehman, SU, Khaliq, M, Imtiaz, SI, Rasool, A, Shafiq, M, Javed, AR, Jalil, Z and Bashir, AK (2021) DIDDOS: An approach for detection and identification of Distributed Denial of Service (DDoS) cyberattacks using Gated Recurrent Units (GRU). Future Generation Computer Systems: the international journal of grid computing: theory, methods and applications, 118. pp. 453-466. ISSN 0167-739X

**DOI:** <https://doi.org/10.1016/j.future.2021.01.022>

**Publisher:** Elsevier

**Downloaded from:** <https://e-space.mmu.ac.uk/627611/>

**Additional Information:** This is an Author Accepted Manuscript of an article published in Future Generation Computer Systems.

**Enquiries:**

If you have questions about this document, contact [openresearch@mmu.ac.uk](mailto:openresearch@mmu.ac.uk). Please include the URL of the record in e-space. If you believe that your, or a third party's rights have been compromised through this document please see our Take Down policy (available from <https://www.mmu.ac.uk/library/using-the-library/policies-and-guidelines>)