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Ankit Aich

SKILLS

Python, Matlab, Java, C/C++. Experience in working with neural networks, machine learning models, optimizations and active learning.

EXPERIENCE and RESEARCH

First Author, INDIA - 2017 — *A scaled conjugate gradient backpropagation algorithm for keyword extraction.*

- The above publication deals with extracting the top three keywords from a document across a set of domain specific text documents.
- Python and Matlab were used heavily on this paper.
- https://link.springer.com/chapter/10.1007%2F978-981-10-7512-4_67

First Author, FICTA - 2017 — *A crawler parser based approach to newspaper scraping and reverse searching of desired articles.*

- The paper deals with bringing together elements of web content mining and assembling various applications to provide users a better e-newspaper UI.
- The work was done on Python and a few APIs.
- https://link.springer.com/chapter/10.1007/978-981-10-7563-6_15

Research Intern, Jadavpur University - 2016.

June 2016 - August 2016

- Worked with Robot simulation, commanding and guiding robots to move.
- Worked with ABB - IRB120 Robot and RAPID coding language.
- Worked as a research intern in collaboration with Dr. Amit Konar.

EDUCATION

Rochester Institute of Technology, PhD in Computing and Information Sciences

Fall 2018 - Present, Rochester, New York

Advised by Dr. Linwei Wang, working with personalized medicine in cardiac health using Artificial Intelligence.

St. Thomas College of Engineering and Technology, B.Tech in IT.

2014-2018 - Kolkata, India. GPA - 8.3 on 10.