

Abhisek Chowdhury

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EDUCATION

IIT KHARAGPUR

PHD IN COMPUTER SCIENCE
2019 - Pursuing | Kharagpur, WB, India

VIDYASAGAR UNIVERSITY

MSC IN COMPUTER SCIENCE
2015 | Midnapore, WB, India

MIDNAPORE COLLEGE

BSC IN COMPUTER SCIENCE
2013 | Midnapore, WB, India

WBCHSE

2010 | Higher Secondary

WBBSE

2008 | Secondary

LINKS

Github:// yuviabhi
Twitter:// @IamYuviabhi
Facebook:// yuviabhi

COURSEWORK

PHD

Machine Learning
Information Retrieval
Artificial Intelligence
Cloud Computing
Smartphone Computing
Statistical Methods
Foundations of Entrepreneurship

PG/UG

Algorithm, Automata, Networking, OS,
Compiler, DBMS, Image Processing,
Computer Graphics and others

SKILLS

PROGRAMMING

• Java • Python • PHP • Shell
• C • C++ • Assembly
• Javascript • JQuery • CSS • \LaTeX
• Android • JAVA Spring • JAVA FX

LIBRARIES/DATABASES

• Tensorflow • Keras • PyTorch
• Sklearn • NLTK • Spacy
• Pandas • Numpy
• Hadoop • Spark • Docker
• PostgreSQL • MySQL • SQLite
• MongoDB • Redis • FireBase

EXPERIENCE

NDL INDIA | PROJECT OFFICER (IT)

2018 - Present | IIT Kharagpur, WB, India

- Architecture planning, Database Design, Documentation, Test Suites Design.
- Development of NDLI Data Services V3 - Rest APIs (Data Curation Tools).
- Development and maintenance of NDL India Android Application.
- Development and Improvement of Data De-duplication Tools.
- Development of Question-Answer Re-formatting Tools.
- Metadata Crawling, Ingestion etc.

INSTITUTE INFORMATION CELL | JUNIOR PROJECT OFFICER

2015 - 2018 | IIT Kharagpur, WB, India

- Developed 'IIT Kharagpur Institute Website'
- Developed 'Feedback System' for IIT Kharagpur Institute Website
- Led and Developed 'Apna IIT Kharagpur', the Internal Notice Board of the institute.

RESEARCH

INNOVATION LAB | SCHOLAR

2019 - Present | IIT KGP, WB, India

Exploring and analysing human behaviors for inducing healthy lifestyle.

SPATIAL DATA SCIENCE LAB | ENTHUSIAST

2017 - 2018 | IIT KGP, WB, India

Developed FRIDZ framework to utilize Twitter data streams for disaster zone identification in real time.

PG PROJECT | STUDENT

2014 - 2015 | Midnapore, WB, India

Developed a RFID based Android App to improve safety and security of school trips.

AWARDS

2019	JRF	NTA UGC NET 2019 (June) for both JRF & Asst. Prof.
2018	NET	NTA UGC NET 2018 (December) for Asst. Prof.
2018	NET	CBSE UGC NET 2018 (July) for Asst. Prof.
2018	GATE	In Computer Science with Score 465
2017	SET	WB SET 2017 securing 69.70 % marks for Asst. Prof.
2016	IBM Day	Our group, Mobilytics won 3 rd prize
2016	INSPIRE	Received INSPIRE Fellowship to pursue PhD
2015	GOLD	Topper and Gold medalist during MSc
2013	GOLD	Topper and Gold medalist during BSc
2008	100/100	Scored in Mathematics in 10 th std boards
2008	2 nd	Ranked in every std from VII upto X

PUBLICATIONS

- [1] A. Chowdhury. Fridz: A framework for real-time identification of disaster zones.
- [2] S. Ghosh, A. Chowdhury, and S. K. Ghosh. A machine learning approach to find the optimal routes through analysis of gps traces of mobile city traffic. In *Recent Findings in Intelligent Computing Techniques*, pages 59–67. Springer, 2018.