CURRICULUM VITAE

ANKAN BASU

Address	19/4 Sahapur Colony (West), Plot - 141, New Alipore, Kolkata - 700053, West Bengal, India
Telephone	+91 8697797274
Email	an.basu.kan@gmail.com
Date of Birth	18th June 2001
Place of Birth	Kolkata, West Bengal, India

EDUCATION

April 2019 - July 2023	**Bachelor of Technology** Computer Science and Engineering **Final Year Project:** "Tour place recommender" website using web scraping and NLP based recommendation system **CGPA: 9.44/10**
April 2017- April 2019	**Senior Secondary School Examination** Subjects: English, Physics, Chemistry, Mathematics, Biology **Grade: 95.20%**
March 2017	**Secondary School Examination** Subjects: English, Bengali, Physical Sciences, Life Science, Mathematics, History, Geography **Grade: 96.00%**

PUBLICATIONS

Chakraborty, S., **Basu, A.**, Saha, A., Bardhan, I., Datta, S., & Majumder, S. (in press). What drives the variation of developer communication characteristics over time? An empirical study across multiple datasets. In Proceedings of the 5th International Conference on Frontiers in Computing and Systems: COMSYS 2024 (Vol. 3). Lecture Notes in Networks and Systems. Springer.

Basu, A., Saha, A., & Banerjee, S. (in press). Predicting heat transfer coefficient using bidirectional long short-term memory. In Proceedings of the 2nd International Conference on Mechanical Engineering: INCOM 2024. Springer Lecture Notes in Mechanical Engineering.

Saha, A., **Basu, A.**, & Banerjee, S. (2024). Enhancing thermal management systems: A machine learning and metaheuristic approach for predicting thermophysical properties of nanofluids. Engineering Research Express. https://doi.org/10.1088/2631-8695/ad8536

Basu, A., Saha, A., Banerjee, S., Roy, P. C., & Kundu, B. (2024). A review of artificial intelligence methods in predicting thermophysical properties of nanofluids for heat transfer applications. Energies, 17(6), 1351. https://doi.org/10.3390/en17061351

Work Experience

March 2024 - present

Ernst & Young Global Delivery Services
Full Stack Developer

- Developing and maintaining web applications using C#, Angular, and SQL, ensuring high performance and responsiveness
- Collaborating within an Agile team environment, contributing to project timelines and workflow efficiency

Skills

Programming Languages	Python, C/C++, C#, Java, Javascript, Typescript, R
ML and Data Science	TensorFlow, Pytorch, Pandas, Numpy
Full Stack Development	React, Angular, ASP .Net, NodeJS, HTML, CSS
Database Skills	SQL, MongoDB

Languages

Bengali	Native
English	Fluent
Hindi	Fluent
French	Intermediate
German	Beginner

Hobbies

Learning Languages

Swimming

Reading