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 and Place of Birth:	18th June 2001, Kolkata, West Bengal, India

Education

August 2019 - June 2023	**Bachelor of Technology** Computer Science and Engineering *Heritage Institute of Technology (MAKAUT)* **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 Degree (Class 10+2)** *South Point High School (CBSE)* Subjects: English, Physics, Chemistry, Mathematics, Biology **Grade: 95.20%**
March 2017	**Secondary School Degree (Class 10)** *South Point High School (WBBSE)* 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
Databases:	SQL, MongoDB

Languages

Bengali	Native
English	Fluent
Hindi	Fluent
French	Intermediate
German	Beginner

Hobbies

Learning languages

Swimming

Reading