

CURRICULUM VITAE

ANKAN BASU

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West Bengal, India

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Date of Birth: 18th June 2001

Place of Birth: Kolkata, West Bengal, India



EDUCATION

August 2019 - June 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 <ul style="list-style-type: none">Developing and maintaining web applications using C#, Angular, and SQL, ensuring high performance and responsivenessCollaborating within an Agile team environment, contributing to project timelines and workflow efficiency
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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
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