| CURRICULUM VITAE | | |
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| 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 |
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| EDUCATION | | |
| April 2019 - July 2023 | Bachelors of Technology  Computer Science and Engineering  Final Year Project: Tour place recommender using web scraping and NLP based recommendation system  CGPA: 9.44/10 | |
| January 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% | |
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| 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 | | |
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| WORK EXPERIENCE | | |
| March 2024 - present | Ernst & Young Global Delivery Services  Full Stack Developer  Developed and maintained web applications using C#, Angular, and SQL, ensuring high performance and responsiveness.  Collaborated 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 | |
| Database Skills | SQL, MongoDB | |
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| LANGUAGES | | |
| Bengali | Native | |
| English | Fluent | |
| Hindi | Fluent | |
| French | Intermediate | |
| German | Beginner | |
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| HOBBIES | | |
| Learning Languages |  | |
| Swimming |  | |
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