

1. Name: NGUYEN VAN SON

2. Education

| Degree | Field | Institution | Year |
|--------|------------------|--|------|
| M.Sc. | Computer Science | Hanoi University of Science and Technology, Hanoi, Vietnam | 2023 |
| B.Sc. | Computer Science | Hanoi University of Science and Technology, Hanoi, Vietnam | 2021 |

3. Academic experience

| Institution | Rank, Title | Year/Period | FT/PT |
|--|--------------------|----------------|-------|
| Phenikaa University | Lecturer | 2024 – Present | FT |
| Hanoi University of Science and Technology | Research Assistant | 2021 – 2023 | PT |

4. Non-academic experience

| Company | Position | Year/Period | FT/PT |
|----------------------------------|---------------|------------------|-------|
| VPS Securities, Hanoi, Vietnam | AI Specialist | 9/2021 – 03/2024 | FT |
| Viettel Hightech, Hanoi, Vietnam | R&D Engineer | 9/2020 – 6/2021 | PT |

5. Certifications or professional registrations

- Discrete Optimization Course in Coursera

6. Current membership in professional organizations

N/A

7. Honors and awards

- **Master's excellence scholarship** awarded by Hanoi University of Science and Technology 2021 & 2023.
- **Second place** in FinPros challenge 2021- Forecast the stock market
- **First Prize** in "Innovative scientific products" in HUST 2019

8. Service activities

- Reviewer for International journals: SUSCOM
- Reviewer for International conferences: IEEE CEC

9. Briefly list the most important publications and presentations

- Nguyen Thi Hanh, Huynh Thi Thanh Binh, Nguyen Van Son, Nguyen Thi Trang, Phan Ngoc Lan, "Optimizing wireless sensor network lifetime through K-coverage maximization and memetic search", Sustainable Computing: Informatics and Systems 40 (2023): 100905
- Hanh, N. T., Van Son, N., Binh, H. T. T., Bang, B. H., Chien, T. V., Phap, H. C., Minh, N. H. N. (2023, August) An improved genetic algorithm for bi-level multi-objective Q-coverage in directional sensor networks. 2023 21st International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt). Singapore, Singapore, pp. 111-118, doi: [10.23919/WiOpt58741.2023.10349841](https://doi.org/10.23919/WiOpt58741.2023.10349841)
- Hanh, N. T., Binh, H. T. T., Van Son, N., & Kim, M. (2020, November). Minimal relay node placement for ensuring network connectivity in mobile wireless sensor networks. In 2020 IEEE 19th International Symposium on Network Computing and Applications (NCA) (pp. 1-8). IEEE.

- Kaneko, Keiichi, Son Van Nguyen, and Hyunh Thi Thanh Binh. Pairwise disjoint paths routing in tori. *IEEE Access* 8 (2020): 192206-192217.
- Hanh, N. T., Binh, H. T. T., Van Son, N., & Lan, P. N. (2019, June). Minimal node placement for ensuring target coverage with network connectivity and fault tolerance constraints in wireless sensor networks. In *2019 IEEE Congress on Evolutionary Computation (CEC)* (pp. 2923-2930). IEEE
- Nguyen, D., Cao, N., Nguyen, S., Ta, S., & Dinh, C. (2022, October). MFinBERT: Multilingual Pretrained Language Model For Financial Domain. In *2022 14th International Conference on Knowledge and Systems Engineering (KSE)* (pp. 1-6). IEEE.

10. Briefly list the most recent professional development activities

- Join KSE conference 2022
- Member in Ministry of Education topic: “Investigate fault tolerance in IoT systems through multi-coverage and multi-connection techniques”.