

1. Name: LA VAN QUAN

2. Education

Degree	Field	Institution	Year
M.Sc.	Computer Science	Hanoi University of Science and Technology	2022
B.Sc.	Computer Science	Hanoi University of Science and Technology	2019

3. Academic experience

Institution	Rank, Title	Year/Period	FT/PT
Phenikaa University	Lecturer	2022-Present	FT
Hanoi University of Science and Technology	Research Assistant	2020	FT

4. Non-academic experience

Company	Position	Year/Period	FT/PT
Abivin Vietnam Company Limited	Algorithm Engineer	2021	FT
Eway Join Stock Company	Data Scientist	2019	FT

5. Certifications or professional registrations

N/A

6. Current membership in professional organizations

N/A

7. Honors and awards

- 2nd place award in National Science Research Conference for Students, Ministry of Education Training in 2018.
- 1st place award in Science Research Conference for Students, Hanoi University of Science and Technology in 2018.
- 3rd place award in National Science Research Conference for Students, Ministry of Education Training in 2017.
- 1st place award in Science Research Conference for Students, Hanoi University of Science and Technology 2017.
- 3rd place award in Mathematics in Vietnamese Mathematical Olympiads in 2012-2013
- Awarded by IEEE Region 10 HTA Project Grant.
- Team member, top 10 projects across the world nominated by All IEEE Young Engineers Humanitarian Challenge (AIYEHUM), “Guaranteeing coverage and connectivity tolerance in different architectures of wireless sensor networks for disaster monitoring”

8 Service activities (within and outside of the institution)

N/A

9. Briefly list the most important publications and presentations from the past five years

- Huynh Thi Thanh Binh, Nguyen Thi Hanh, La Van Quan, and Nilanjan Dey. Improved cuckoo search and chaotic flower pollination optimization algorithm for maximizing area coverage in wireless sensor networks. *Neural computing and applications*, 30(7):2305–2317, 2018.
- Huynh Thi Thanh Binh, Nguyen Thi Hanh, La Van Quan, Nguyen Duc Nghia, and Nilanjan Dey. Metaheuristics for maximization of obstacles constrained area coverage in heterogeneous wireless sensor networks. *Applied Soft Computing*, 86, 2020.
- Phi Le Nguyen, La, Van Quan, Anh Duy Nguyen, Thanh Hung Nguyen, and Kien Nguyen. An on-demand charging for connected target coverage in wrsns using fuzzy logic and q-learning. *Sensors*, 21(16), 2021.

- L. Van Quan, T. Hung Nguyen, P. Le Nguyen, and K. Nguyen. Q-learning-based, optimized on-demand charging algorithm in wrsn. In The 19th IEEE International Symposium on Network Computing and Applications (NCA 2020), pages 1–6, 2020.
- Van Quan, La, Thanh Hung Nguyen, and Phi Le Nguyen. Extending network lifetime by exploiting wireless charging in wsn. In 2020 RIVF International Conference on Computing and Communication Technologies (RIVF), pages 1–6, 2020.
- Van Quan, La, Minh Hieu Nguyen, Thanh Hung Nguyen, Kien Nguyen, and Phi Le Nguyen. On the global maximization of network lifetime in wireless rechargeable sensor networks. *ACM Trans. Sen. Netw.*, jan 2022.

10. Briefly list the most recent professional development activities

- Temporary leave to pursue PhD degree in USNW Sydney, 2024