

## Profile

### Summary:

- A senior manager & education enthusiast with a background in Computer Science, enthusing to work in advanced education models for data insights and decision-making solutions in next education generations,
- Proposing, orienting and deploying adequate solutions to education & training as well as applying advanced recipes to address in these fields,



- Full name: Hoan Le,
- Nationality: Vietnamese,
- +84 83 803 1222
- [hoanle.vietnam@gmail.com](mailto:hoanle.vietnam@gmail.com) and [ceo@tmchain.tech](mailto:ceo@tmchain.tech)
- A graduate mobility certificate at UPC - BarcelonaTECH in Computer Science in Barcelona & a master degree in Information Technology in Hanoi.
- To be a vision manager in the future.

### Education:

Blockgeeks, FuniX and Coursera online learning

UPC-BarcelonaTECH, Barcelona, Spain

Microsoft - edX online learning network

Hanoi University of Science and Technology, Vietnam

2020: Data & Blockchain solution certificates

2017: Graduate mobility certificate in Computer Science

2016: Microsoft Data Science curriculum (6 certificates, self-paced learning)

2011: Master degree in Computer Science, top 3

### Teaching courses & teaching assistant

#### Teaching courses

#### ➤ Basic IT & Programmings

- Basic IT and programmings
- Introduction to programming with Python
- Computer Science basics with Python
- Web programming with Javascript
- C/C++ programming

#### Teaching assistant in Security, Data Science and programmings,

#### ➤ Teaching assistant

- Teaching assistant in Network security & Web programmings
- Teaching assistant in Computer Science (Python, IT Security, Basic machine learning and data science with R & Python programmings)

### Working experience:

#### TMChain Education & Technology (2019-now)

#### ➤ CEO (senior manager) cum Research director

- Operate and manage general activities of tmChain Education,
- Manage and develop new ideas & solutions in data-based new technologies about data engineering solutions & education problems: Data Science solutions for education software; Propose & Redefine solutions in optimization problems; plan and manage projects/technologies both in research and industry,
- Proposed proper solutions in new technologies, managed sources & datasets; Studied & developed new solutions in data-based technologies; Coordinated research & data solutions.

#### Vietnamese-German University, Vietnam (2017-2019)

#### ➤ R&D engineer and teaching assistant for Computer Science department

- Studied & developed optimization solutions in new technologies: Decentralized AI & Data Science, data consensus algorithms (with Ethereum, Python & Solidity), Deep Learning platforms for IT security,
- Research & Teaching assistant in Computer Science (Python, IT Security, Basic machine learning and data science with R & Python programmings); Proposed proper solutions in data engineering & IT security; Academic assistant for academic coordinator.

#### UPC - BarcelonaTECH, Spain (2015-2017)

#### ➤ Research assistant in web security projects

- Machine Learning models in security & privacy, Web data collection and obfuscated tracking detection of fingerprinting: Proposed proper direction for assigned research & organized the TMA conference 2015 Barcelona, collected and managed datasets,

Email: [ceo@tmchain.tech](mailto:ceo@tmchain.tech) | Skype: [hoanle.vietnam](https://www.skype.com/intl/en-us/)

National Institute of Informatics (NII) -Tokyo, Japan (2012)

Vietnam Academy of Logistics (VAL), Hanoi, Vietnam (2005-2014)

- Technical assistant in Network security & Web programming; Poster of Device Fingerprinting and Tracking in Dublin 2017, Ireland; Uncovering canvas fingerprinting and tracking, Technical report, UPC-BarcelonaTECH, Barcelona, Spain.

➤ ***Internship at NII-Japan for the problems of anomaly detection and its applications***

- Internship project of “Anomaly detection by machine learning” in C/C++ and Java, Report of Networked Anomaly detection and Data analysis, Hanoi University of Science and Technology, 2012,

➤ ***Teaching assistant and lab engineer in the VAL's laboratories***

- Teaching assistant in basic IT and programmings (C/C++, Java and Web programmings); Studied, supported and proposed the academic and research programs;
- Managed the laboratories & IT projects, operated and delivered IT devices and servers; Collected and collated results in IT projects; Planned & managed the lab's works and network and IT devices; Heuristic approach for optimal placement of relay stations in WiMAX 802.16j networks, Proceedings of the National Science Conference on ICT rda, Vietnam.

***Languages and technical skills:***

**Languages**

- Vietnamese: Mother tongue,
- English: Proficiency (~ IELTS 7.0), (Duolingo English Test (DET) 115 in June, 2022), (<https://certs.duolingo.com/16ac68482dc95a968c0f2d811a94231e>)
- Español/Français/Deutsche: Basics.

**Key Skills**

&

**Soft Skills**

- Leadership and management skills in Education and Technology,
- R&D and engineering skills in Education and Computer Science; Cooperation solutions in education and training, Teaching assistant in Data Science and basic programmings,
- Solutions and tools for managing and monitoring in education; Administration & technology management and analysis skills working with advanced network, nodes & service systems; Planning, motivating and designing of optimal processes; Team work and independent working skills with flexibility, Self-motivation, work commitment & cooperation skills, High responsibility, honest, active and creative,
- Education systems to explore data; Online advanced data & optimization for data science & engineering, management skills & fitting solutions for data and education.

***Achievements & others:***

1. Certificates in blockchain solutions, blockgeeks & coursera, 2020,
2. Certificates in basic blockchain, FuniX online university, 2020,
3. Towards accurate detection of obfuscated tracking, Measurements & Networks 2017 Workshop, Napoli, Italy (<https://ieeexplore.ieee.org/document/8078365/>),
4. Member of Organizing committee in Measurement & Data Analysis Workshop 2015, Barcelona, Spain,
5. Heuristic approach for optimal placement of relay stations in WiMAX 802.16j networks, Proceedings of the National Science Conference on ICT rda, Vietnam,
6. Certificates in Data Science: <https://courses.edx.org/certificates/d301806112884e719a7a41a049dd220d>  
<https://courses.edx.org/certificates/87f8dab39d2a466a8f1ebda41df36a04>  
<https://courses.edx.org/certificates/6e95217ca3d349a597e26fdd2818687b>
7. Prize of Creative Youth 2011 (at Vietnam Academy of Logistics).

*This Résumé correctly described myself, my qualifications and my experiences. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.*

Vietnam, October, 2022,

Hoàn.