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Ph.d.-stipendiat
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Connectivity
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Forskningsprofil

Kvalifikationer

Computer Science, Master Degree, Seoul National University

1 mar. 2016 → 1 aug. 2018

Dimissionsdato: 15 jul. 2018

Telecommunication, Bachelor, Hanoi University of Science and Technology

1 sep. 2010 → 1 jun. 2015

Dimissionsdato: 1 jun. 2015

Electronics Systems, Ph.D

1 jan. 2020 → 1 jun. 2022

Ansættelse

Ph.d.-stipendiat

Institut for Elektroniske Systemer

Det Tekniske Fakultet for IT og Design

Aalborg, Danmark

1 jan. 2019 → 31 dec. 2022

Ph.d.-stipendiat

Det Tekniske Fakultet for IT og Design

Aalborg Øst, Danmark

1 jan. 2019 → 31 dec. 2022

Ph.d.-stipendiat

Connectivity

Det Tekniske Fakultet for IT og Design

Aalborg Øst, Danmark

1 jan. 2019 → 31 dec. 2022

Connected Intelligence

Det Tekniske Fakultet for IT og Design

1 feb. 2021 → present

Publikationer

Analysis of distributed ledger technologies for industrial manufacturing

Nguyen, L. D., Bröring, A., Pizzol, M. & Popovski, P., 27 okt. 2022, I: *Scientific Reports*. 12, 1, 18055.

FedToken: Tokenized Incentives for Data Contribution in Federated Learning

Pandey, S. R., Nguyen, L. D. & Popovski, P., 25 okt. 2022, (Accepted/In press) *FL-NeurIPS 2022*.

A Contribution-Based Device Selection Scheme in Federated Learning

Pandey, S. R., Nguyen, L. D. & Popovski, P., 1 sep. 2022, I: *IEEE Communications Letters*. 26, 9, s. 2057-2061 5 s.

Learning, Computing, and Trustworthiness in Intelligent IoT Environments: Performance-Energy Tradeoffs

Soret, B., Nguyen, L. D., Seeger, J., Bröring, A., Ben Issaid, C., Samarakoon, S., El Gabli, A., Kulkarni, V., Bennis, M. & Popovski, P., 1 mar. 2022, I: *IEEE Transactions on Green Communications and Networking*. 6, 1, s. 629-644 16 s.

Blockchain for Internet of Things: Data Markets, Learning, and Sustainability

Nguyen, D. L., 2022, Aalborg Universitetsforlag. 150 s. (Ph.d.-serien for Det Tekniske Fakultet for IT og Design, Aalborg Universitet).

Containing Future Epidemics With Trustworthy Federated Systems for Ubiquitous Warning and Response

Carrillo, D., Nguyen, D. L., Henrique Juliano Nardelli, P., Pournaras, E., Morita, P., Z. Rodríguez, D., Dzaferagic, M., Siljak, H., Jung, A., Hébert-Dufresne, L., Macaluso, I., Ullah, M., Fraidenraich, G. & Popovski, P., 13 maj 2021, I: *Frontiers in Communications and Networks*. 2, 12 s., 621264.

B-ETS: A Trusted Blockchain-based Emissions Trading System for Vehicle-to-Vehicle Networks

Nguyen, D. L., Lewis, A., Leyva-Mayorga, I., Regan, A. & Popovski, P., 7 maj 2021, *7th International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS 2021)*. SCITEPRESS Digital Library, Bind 1. s. 171-179 9 s.

Modeling and Analysis of Data Trading on Blockchain-based Market in IoT Networks

Nguyen, L. D., Leyva-Mayorga, I., Lewis, A. & Popovski, P., 7 apr. 2021, I: *IEEE Internet of Things Journal*. 8, 8, s. 6487-6497 11 s., 9324804.

Containing Future Epidemics with Trustworthy Federated Systems for Ubiquitous Warning and Response

Nguyen, D. L., 26 okt. 2020

Witness-based Approach for Scaling Distributed Ledgers to Massive IoT Scenarios

Nguyen, L. D., Leyva-Mayorga, I. & Popovski, P., 13 okt. 2020, *2020 IEEE 6th World Forum on Internet of Things (WF-IoT)*. IEEE, 6 s. 9221269

Trusted Wireless Monitoring Based on Distributed Ledgers over NB-IoT Connectivity

Nguyen, L., Kalør, A. E., Leyva-Mayorga, I. & Popovski, P., 15 jul. 2020, I: *IEEE Communications Magazine*. 58, 6, s. 77-83 7 s., 9141220.

Communication Aspects of the Integration of Wireless IoT Devices with Distributed Ledger Technology

Danzi, P., Kalør, A. E., Sørensen, R. B., Hagelskjær, A. K., Nguyen, D. L., Stefanovic, C. & Popovski, P., feb. 2020, I: *IEEE Network*. 34, 1, s. 47-53 7 s., 8977445.

Toward efficient dynamic virtual network embedding strategy for cloud networks

Nguyen, D. L., mar. 2018, I: *International Journal of Distributed Sensor Networks*.

RT-VNE: A real-time strategy for Virtual Network Embedding towards resource efficiency

Nguyen, D. L., 2017, *2017 International Conference on Information Networking (ICOIN)*.

A generalized resource allocation framework in support of multi-layer virtual network embedding based on SDN

Nguyen, D. L., dec. 2015, I: *Computer Networks*.

Aktiviteter

IEEE Communications Society (ComSoc) (Ekstern organisation)

Lam Duc Nguyen (Forperson)

1 jun. 2020

The Linux Foundation (Ekstern organisation)

Lam Duc Nguyen (Forperson)

1 jan. 2020

IEEE (Ekstern organisation)

Lam Duc Nguyen (Forperson)

1 jan. 2018

Priser

Best Student Paper Award

Nguyen, Lam (Modtager), 2 jun. 2020

Best Student Paper Award

Nguyen, Lam Duc (Modtager), Popovski, Petar (Modtager) & Mayorga, Israel Leyva (Modtager), 2021

The Linux Foundation Travel Grant

Nguyen, Lam (Modtager), 1 mar. 2020

Projekter

IntelloT: Intelligent, distributed, human-centered and trustworthy IoT environments

Nguyen, L. D.

01/10/2020 → 30/09/2023

WILLOW

Nguyen, L. D.

2022	Lorem ipsum dolor sit amet
2021	Lorem ipsum dolor sit amet
2020	Lorem ipsum dolor sit amet
2019	Lorem ipsum dolor sit amet
2018	Lorem ipsum dolor sit amet
2017	Lorem ipsum dolor sit amet