Minh-Thanh Nguyen

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Education

2021 – now	**Student in Electronics and Telecommunication**, *School of Electronics and Electrical Engineering, Hanoi University of Science and Technology*
	CPA: 3.1

Experiences

2022 – now	**Research Assistant**, *ANSA Lab, SEEE-HUST* .... Hanoi, Vietnam
2021 – now	**Student**, *SEEE-HUST* .... Hanoi, Vietnam

Skills

Programming	Python, C/C++, C#, JavaScripts, Lua, Bash, PowerShell, GitHub, GitLab, Docker, . . .
Languages	Vietnamese (mother tongue), English or Spainish
Writings	Microsoft Word, Microsoft PowerPoint, LaTeX

Awards

Dec. 2023	**Best Poster Award**, *AINTEC 2023*
	Accelerating Network Slice Embedding with Reinforcement and Deep Reinforcement Learning

Projects

2023 – now	**Machine Learning for Typhoon Formation Prediction**, *Python, Bash script*
	• VINIF-funded collaborative project between HUST, VNU, and Indiana University Bloomington
	• Developed a data processing workflow for weather data from NCEP/NASA
	• Set up virtual environment on the Big Red super computer to process large amount of data
	• Reconstruct the climatology of tropical cyclones in the Western North Pacific basin using deep learning models
2022 – now	**Accelerating Network Slice Embedding**, *Python, ILP*
	• Built a simple but flexible and easy to use simulation framework for comparing performance of different algorithms.

Publications

[1] N. Minh-Thanh, L. Quang-Trung, N. Tai-Hung, T. Do-Minh, D. Tuan-Anh, D. Kim-Hoan, and N. Van-Hieu, "Accelerating network slice embedding with reinforcement learning," *IEEE International Conference on Communications and Electronics (ICCE)*, 2024.

References

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