1. Name: NGUYEN PHUONG NAM

2. Education

Degree	Field	Institution	Year
Ph.D.	Electrical Engineering	University of South Florida, Tampa, Florida, USA	2020-Present
M.A.	Statistics	University of South Florida, Tampa, Florida, USA	2018-2019
B.Sc.	Mathematics and Education	Hanoi University of Education, Hanoi, Vietnam	2013-2017

3. Academic experience

Institution	Rank, Title	Year/Period	FT/PT
Phenikaa University, HN, VN	Lecturer	2023-Present	FT
Moffitt Cancer Center, FL, USA	Research Assistant	2022-2023	FT
University of South Florida, FL, USA	Teaching Assistant	2022-2023	FT
University of South Florida, FL, USA	Research Assistant	2020-2022	FT
Moffitt Cancer Center, FL, USA	Research Trainee	2019-2020	PT

4. Non-academic experience

Company	Position	Year/Period	FT/PT
G.A.I.A QTech, Hanoi, Vietnam	Founder & Director	5/2024 – Present	PT

5. Certifications or professional registrations
- SOA Exam P (Actuarial Science Professional Examination)

6. Current membership in professional organizations
N/A

7. Honors and awards
NA

8. Service activities
- Reviewer for Quantum Information Processing, Quantum Machine Intelligence, and IEEE journals
- Reviewer for BMC Bioinformatics, Scientific Reports and Journal of Supercomputing

9. Briefly list the most important publications and presentations

Journal publications

- Nguyen, N.P., 2019. *Gradient boosting for survival analysis with applications in oncology*. University of South Florida.
- Zanddizari, H., Nguyen, N., Zeinali, B. and Chang, J.M., 2021. A new preprocessing approach to improve the performance of CNN-based skin lesion classification. *Medical & Biological Engineering & Computing*, *59*(5), pp.1123-1131.
- Nguyen, N. and Chang, J.M., 2021. Csnas: Contrastive self-supervised learning neural architecture search via sequential model-based optimization. *IEEE Transactions on Artificial Intelligence*, *3*(4), pp.609-624.

- Nguyen, N. and Chen, K.C., 2022. Quantum embedding search for quantum machine learning. *IEEE Access*, *10*, pp.41444-41456.
- Nguyen, N. and Chen, K.C., 2022. Bayesian quantum neural networks. *IEEE Access*, *10*, pp.54110-54122.
- Nguyen, N., Teer, J.K., Park, M.A., McDonald, P., Fleming, J.B., Permuth, J.B., Chen, K.C. and Karolak, A., 2024. Abstract B109: Reinforcing risk prediction for intraductal papillary mucinous neoplasms of the pancreas with AI-optimized nucleotide-to-amino acid analyses. *Cancer Research*, *84*(2_Supplement), pp.B109-B109.
- Nguyen, P.N., 2024. Biomarker discovery with quantum neural networks: A case-study in ctla4-activation pathways. *BMC bioinformatics*, *25*(1), p.149.

Conference publications

- Pathway-Capsule Neural Networks, CITA-2024: https://ictmag.vn/cntt-tt/article/view/1264
- Quantum DNA Encoder: IEEE COMPSAC-2024.

10. Briefly list the most recent professional development activities
- Enrolled in online courses on Coursera
- Teaching Grade 5 and 8 for Cambridge Checkpoint Exams (over 100 students in Class 23-24)