

Long Phan

+1-123-456-7890

justinphan3110@gmail.com

in /long-phan-3110

/justinphan3110

Education

Case Western Reserve University

Bachelor of Computer Science

August, 2018 – May, 2023

Cleveland, OH

> **GPA:** 3.5/4.0

> **Course:** Operating Systems, Database Systems, Computer Networks, Data Structures Algorithms, Artificial Intelligence, Software Engineering, Data Mining, Probabilistic Graphical Models, Causal Learning from Data

Publications

- **Long Phan**, James T. Anibal, Hieu Tran, Shaurya Chanana, Erol Bahadroglu, Alec Peltekian, Grégoire Altan-Bonnet. "SciFive: a text-to-text transformer model for biomedical literature." *Bioinformatics*, 2021
- **Long Phan**, Hieu Tran, Daniel Le, Hieu Nguyen, James Anibal, Alec Peltekian, Yanfang Ye. "CoTexT: Multi-task Learning with Code-Text Transformer." *NLP4Prog @ ACL*, 2021
- Hieu Tran, **Long Phan**, James Anibal, Binh T. Nguyen, Truong-Son Nguyen. "SPBERT: An Efficient Pre-training BERT on SPARQL Queries for Question Answering over Knowledge Graphs." *ICONIP*, 2021
- Hieu Nguyen, **Long Phan** . "VieSum: How Robust Are Transformer-based Models on Vietnamese Summarization?" *NewSum @ EMNLP*, 2021
- Hieu Tran, Cuong V. Dinh, **Long Phan**, Son T. Nguyen . "Hierarchical Transformer Encoders for Vietnamese Spelling Correction." *IEA/AIE*, 2021
- Hieu Tran, **Long Phan**, James Anibal, Binh T. Nguyen, Truong-Son Nguyen. "Leveraging Transfer Learning for Reliable Intelligence Identification on Vietnamese SNSs (ReINTEL)." *VLSP*, 2020

Experience

Samsung Research America

AI Research Intern

Aug. 2021 – Present

Mountain View, CA

- > Developing new Question-Answering models and NLP/NLU methods for use in the Bixby Intelligent Assistant
- > Working on Natural Language Understanding and Open-Domain Question Answering for Bixby.

National Cancer Institute (NCI)

Deep Learning Research Special Volunteer

Oct. 2020 – Aug. 2021

MD, US

- > Modified BERT architecture to develop the first pre-trained model for single-cells that can be fine-tuned on a broad range of biological datasets
- > Developed a domain-specific text-to-text transfer transformer (SciFive) for biomedical question answering tasks

Zalo

AI Research Intern

Apr. 2020 – Oct. 2020

Ho Chi Minh, Vietnam

- > Zalo is a free message and call application with more than 100 million users based in Vietnam
- > Researched and Developed a scalable system translating domain specific natural language questions into Knowledge Graph's Query in **Java** and **Python**.
- > Improved previous techniques and models with more than 0.97 accuracy score

Technical Skills

Languages Java, Python, Javascript, SQL, C#

Technologies TensorFlow, Tensor2tensor, PyTorch, Docker, Node.js, React.js, Flask, Spring Boot, React, Vertx, MongoDB, Redis, Elastic Search, AWS, GCP, SQLite