

Anh P. Nguyen

Work Experience

PhD Student, 2017-Now

Instructor of record.

Teach system programming skills for a large audience of 70 students.

Sentifi, 2015-2016

Data Engineer.

Optimize streaming system which aggregates data from various SQL and non-SQL databases.

Approach: communicate with the backend teams, optimize database queries.

Data Scientist.

Classify entities in the streaming system.

Approach: design machine learning model. Working closely with engineer team to integrate the model to the system.

VNG Corporation, 2016-2017

Senior Data Scientist

Research/design friend suggestion algorithm.

Approach: conduct survey on state-of-the-art research, develop and test various prototypes, provide insights to the development team.

Projects

Hidden Markov Model

Self-implementation of the HMM algorithm.

<https://bitbucket.org/phananh1010/ahmm/src/master/>

Word2Vec for Vietnamese

Exploring the effect of Word2Vec on Vietnamese datasets.

https://github.com/phananh1010/Vietnamese_pretrained_word2vec

Selected Publication

Nguyen, Anh, Zhisheng Yan, and Klara Nahrstedt. "Your attention is unique: Detecting 360-degree video saliency in head-mounted display for head movement prediction." *Proceedings of the 26th ACM international conference on Multimedia*. 2018.

Nguyen, Anh, and Zhisheng Yan. "A saliency dataset for 360-degree videos." *Proceedings of the 10th ACM Multimedia Systems Conference*. 2019.

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[Linkdein](#)

[Github](#)

[Google Scholar](#)

Education

University of Pittsburgh, 2015

MS in Computer Science

University of Science, 2008

Bachelor in Information Technology

Skills

Python, C++, SQL, Postgres, RabbitMQ, MongoDB, Pytorch, Caffe, Keras, Logistic Regression, SVM, Naïve Bayes, Agile, HTML, Javascript