

Phong Hai Nguyen

A data-driven professional committed to delivering artificial intelligence solutions that augment human capabilities.

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Objective

Core Skills: Natural language processing, Data Analysis, Machine Learning, Data Visualization, Research and Development, Virtual Reality, Cyber Security, Psychology.

Programming Languages: Python, R, SQL, C#, Machine Learning (Pytorch, Keras, Scikit-learn).

Other tools: HTML, CSS, Adobe Photoshop.

Work Experience

Cinnamon AI

Hanoi, Vietnam

AI RESEARCHER (NATURAL LANGUAGE PROCESSING)

Jan 2020 – Present

- Leading and supporting the technical development of natural language processing related projects for top Japanese clients. Focuses including information extraction, question answering, and document matching.
- Researching state-of-the-art AI advancement to apply in external projects and internal products.
- Combine AI techniques, data analysis, and psychology expertise to solve human resources problems in business scenarios.

Department of Cognitive Science & Artificial Intelligence, Tilburg University

Tilburg, Netherlands

VIRTUAL REALITY RESEARCH ASSOCIAT

Sep 2018 – Sep 2019

- Design and implement virtual reality research as part of the CAMPIONE project, a multi-million-euro project on Smart Industry funded by the European Union.
- Gather and analyze related to the topic of virtual reality applications in science education, contributing to research efforts of the DAF Technology Lab.
- Co-author a paper titled “Virtual Reality in the Classroom: Immersive Education Increases Learning,” to be published in the Elsevier International Journal of Computers & Education.

K Plus Digital Television

Hanoi, Vietnam

MOBILE APP DATA ANALYST

Aug 2016 – Nov 2016

- Processed and analyzed data from the video- streaming mobile app “My K+,” report on customer behaviors and activities within the app.
- Used data mining techniques on the gathered data to help develop new strategies, adapt to customer behaviors, respond to competitors, and anticipate market changes.

New Paradigm, LLC

Pittsburgh, PA, United States

CYBERSECURITY DATA ANALYST

Sep 2015 – Jul 2016

- Collected complex Internet datasets related to the topic of cybersecurity from various sources, using cutting-edge data mining techniques.
- Participated in the analysis, evaluation and interpretation of data by putting the information collected into a regional context.
- Continuously re-evaluated the data collection process for optimization.

Education

Tilburg University

Tilburg, Netherlands

Master of Science in Cognitive Science & Artificial Intelligence

Earned, Oct 2018

Randolph Macon College

Ashland, VA, United States

Bachelor of Arts in Psychology

Earned, May 2015

Publications

- de Back, T.T., Tinga, A.M., Nguyen, P. et al. Benefits of immersive collaborative learning in CAVE-based virtual reality. Int J Educ Technol High Educ 17, 51 (2020). <https://doi.org/10.1186/s41239-020-00228-9>
- Minh-Tien Nguyen, Dung Tien Le, Le Thai Linh, Nguyen Hong Son, Do Hoang Thai Duong, Bui Cong Minh, Nguyen Hai Phong, and Nguyen Huu Hiep. 2020. AURORA: An Information Extraction System of Domain-specific Business Documents with Limited Data. Proceedings of the 29th ACM International Conference on Information & Knowledge Management. Association for Computing Machinery, New York, NY, USA, 3437–3440. DOI: <https://doi.org/10.1145/3340531.3417434>

Achievements

- Top 50 in Grab AI for SEA Challenge (a competition featuring top AI talents in South East Asia region).
- Received the Orange Tulip Scholarship and the Holland Scholarship for the Master program at Tilburg University.
- Member of Randolph-Macon College's Honors Program and Dean's List.