

Duc-Anh Nguyen

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EDUCATION

- 2019 - present Bachelor of Science: Information System at **VNU University of Engineering and Technology**
- Cumulative GPA: 3.58/4
 - Relevant coursework: Data Mining (9.7), AI (9.), DSA (9.8), Advanced Math (9.)
 - Activities and societies: Research Assistant in Department of Information Systems

WORK EXPERIENCE

NAUTILUS TECH .,JSC

May 2022 - Oct 2022

Computer Vision Engineer Intern

- Research solutions based on machine learning for AI Camera problems as Tracking, Person ReID(USL & UDA)
- Performed requirements analysis on product new features and collaborated with BA and Dev teams in the product development process (Scrum)

BENIT

Apr 2021 - Aug 2021

Data Scientist Intern

- Developed currency trading strategies based on technical indicators and market news analysis, initiating a potential return of 10%/year
- Built pipelines for collecting data and trading algorithms to predict future returns on the FOREX market using Python and machine learning models such as time series analysis, resulting in three different scenarios bearing market risk.

PUBLICATIONS

Nguyen, Anh D., Dat T. Nguyen, Hai N. Dao, et al. (2022). "Impact Analysis of Different Effective Loss Functions by Using Deep Convolutional Neural Network for Face Recognition". In: *From Born-Physical to Born-Virtual: Augmenting Intelligence in Digital Libraries*. Ed. by Yuen-Hsien Tseng et al. Cham: Springer International Publishing, pp. 101–111. ISBN: 978-3-031-21756-2. DOI: [10.1007/978-3-031-21756-2_8](https://doi.org/10.1007/978-3-031-21756-2_8).

Nguyen, Anh D., Dat T. Nguyen, Hanh P. Du, et al. (2022). "EnsFace: An Ensemble Method of Deep Convolutional Neural Networks with Novel Effective Loss Functions for Face Recognition". In: *The 11th International Symposium on Information and Communication Technology*. SoICT 2022. Hanoi, Vietnam: Association for Computing Machinery, pp. 231–238. ISBN: 9781450397254. DOI: [10.1145/3568562.3568638](https://doi.org/10.1145/3568562.3568638). URL: <https://doi.org/10.1145/3568562.3568638>.

SKILLS

Programming languages

Python, C++.

Familiar with tools

Pytorch, Tensorflow, OpenCV,...

Have knowledge of

SQL/NoSQL, MatLab, Git/SVN

Have understanding of collecting data tools

Restful API, Kafka, Spark,...

Have sufficient knowledge of algorithms and data structures.

Have experience of ML model optimization.

Have experience of research.