

Nam Hoai Nguyen

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OBJECTIVES

As a motivated and enthusiastic college student with fundamental knowledge of computer science and mathematics. I am seeking an opportunity in your company. I am flexible and eager to learn more about technical skills and working knowledge of software applications to broaden my horizon.

WORKING EXPERIENCE

- **SETA International Vietnam** Ha Noi, Viet Nam
Software Engineer **May 2022 - July 2022**
 - Built and maintained the data pipeline and monitoring system for the data analysis tasks.
- **WorldQuant** Ha Noi, Viet Nam
Quantitative Research Intern **August 2021 - January 2022**
 - Developed and integrated a new deep learning framework for portfolio optimization on the backtesting system.
 - Analyzed and extracted the impact of sentiment in earnings calls on stock price using natural language processing methods.
- **VinAI Research** Ha Noi, Viet Nam
Research Intern **June 2020 - October 2020**
 - Built, trained, and tested various neural network models for point cloud classification & segmentation tasks
 - Implemented experiments on the backdoor attack to explore vulnerable models for tasks featuring point cloud
- **NERD** Ha Noi, Viet Nam
Software Engineer Intern **September 2018 - December 2019**
 - Created a bot crawler to collect data for training machine learning models
 - Worked on Natural Language Processing (NLP) tasks such as Name Entity Recognition, Automatic Speech Recognition, and Diacritic Restoration in Vietnamese

ACHIEVEMENTS & AWARDS

- **Second Prize in Vietnam National Mathematical Olympiad for Undergraduates** 2019
 - An annual national competition in Algebra/Calculus for University Students
 - Organized by Vietnam Mathematical Society (VMS)
- **ACM ICPC Asia Hanoi Regional Contest** 2018
 - 29th place out of 125 teams in Asia Hanoi Regional Contest
 - Achieved Second Prize out of 107 teams in Vietnam's qualifying round
 - Competed in a team of three to solve 10–12 algorithmic problems in a five hours contest using C++/Java
- **Gold Medal in Vietnam's Northern Delta and Coastal Areas Olympiad** 2017
 - An annual competition for excellent students of specialized and gifted high schools in the Northern Delta and Coastal Areas

EDUCATION

- **University of Engineering and Technology, Vietnam National University** 2018 – 2022
 - Major: Computer Engineering
 - GPA: 3.45/4.0
 - Thesis: Point Cloud Coding

TECHNICAL SKILLS

- **Languages:** C/C++, Python, Java
- **Frameworks/Tools:** Tensorflow, Pytorch