

NGUYEN CHI BANG

Lead developer & Researcher

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EXPERIENCE

Research and Software Development

Time Sequence Optimization

 7/2024 - Ongoing  HCMUT

- Research and development of optimal scheduling algorithms, integrating machine learning and deep learning for single-machine and multi-machine systems.
- Design of a Python library to support the implementation and optimization of scheduling algorithms.

Operations Research

Methods for Solving Integer Linear Optimization Problems

 8/2023 - 5/2024  SGU



- Researched and applied Branch and Bound and Gomory algorithms to solve linear optimization problems with integer constraints.
- Designed a Python library to support the implementation and optimization of the Branch and Bound algorithm.
- Research project rated as excellent, ranked in the top 30% out of a total of 179 projects.

PROJECTS

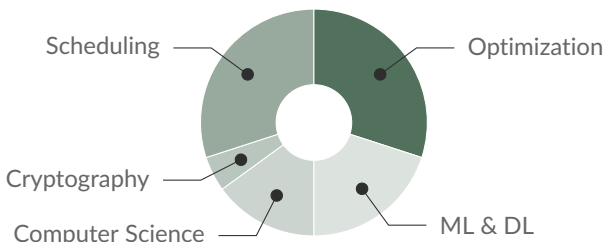
TiLearn

A Python library for machine scheduling.

 7/2024 - Ongoing

- Applied scheduling algorithms and machine learning methods.
- Open-source platform providing tools and resources to help individuals and teams manage time effectively.
- PyPI 
- GitHub 

AREAS OF RESEARCH



PUBLICATIONS

MOST PROUD OF



Burning Passion

Always passionate about the work being done and constantly learning new things.



Chill Guy

Knows how to turn challenges and pressure into motivation.

STRENGTHS

C/C++

Python

Data Analysis

Library Development

Optimization

Operations Research

Machine Learning

Deep Learning

SKILLS

Maths & Code



English



EDUCATION

JR. in Applied Mathematics

Saigon University

 2022 - 2026


REFEREES

Assoc. Prof. Dr. Ta Quang Son


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