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.
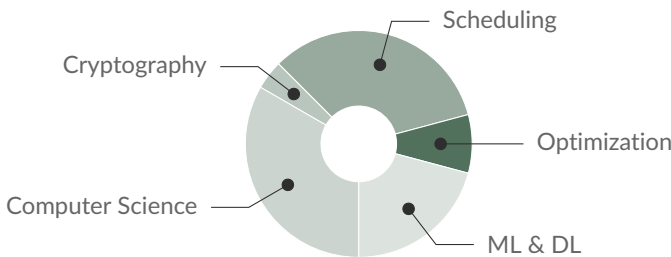
PROJECTS

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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