

Lin Hung-Cheng

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Education

National Taiwan University

M.S. in Computer Science
2016-2018

National Taiwan University

B.S. in Computer Science
2012-2016

Links

HomePage:// [Qwerty's Space](#)
Blog:// [Github Page](#)
Github:// [gitqwerty777](#)
LinkedIn:// [hung-cheng-lin](#)

Skills

Languages

Proficient
C++ • Python •
Experienced
C# • Javascript •

Computer Gaming

Domain Knowledge
Deep Learning • Parallel
Programming • Optimization •

Software

Proficient
Git •

Experience

CMoney AI Engineer

2021
• Article Recommendation System

Synology Software Engineer

2018 - 2019
• Front-end developer for the product "Surveillance Station"

Massive Data Computation and Management Lab Prof. Tsan-Sheng Hsu

2016 - 2018
• Develop Memory-efficient algorithm for strongly-solved algorithm for strongly-solved small-board-sized Go
• Focus on performance, memory usage, and algorithm improvement

Computation Theory and Algorithms Lab Prof. Tsan-Sheng Hsu

2015 - 2016
• Develop probability-based algorithms of 9×9 Go Program

Projects

Go 9x9 C++, Python

2014 - 2018
• Based on Monte-Carlo Tree Search with parallelization
• Implement probability-based move and result prediction model
• Use deep-learning prediction and evaluation model

Nonogram C++

2014
• Use DFS Search with heuristic to solve the puzzle

Chatbot HTML, AIML, Javascript

2017
• General English conversation with text-to-speech and speech-to-text feature

Awards

2018	Silver Prize	The 21st Computer Olympiad Go 9x9
2017	Bronze Prize	The 20nd Computer Olympiad Go 9x9
2017	Bronze Prize	TCGA Computer Game Tournament Go 9x9
2016	Silver Prize	TCGA Computer Game Tournament Go 9x9
2016	Silver Prize	TAAI Computer Game Tournament Go 9x9