Lin Hung-Cheng

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Skills

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

Computer Gaming
Domain Knowledge
Deep Learning • Parallel Programming • Program Optimization • Heuristic Function

Software
Proficient
Git

Education

National Taiwan University
M.S. of Computer Science
2016-2018

National Taiwan University
B.S. of Computer Science
2012-2016

Links

HomePage:// **Qwerty's Space**
Blog:// **Github Page**
Github:// **gitqwerty777**
LinkedIn:// **hung-cheng-lin**

Experience

CMoney   AI Engineer
2021
- Article Recommendation

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
- Memory-efficient 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
- Develop Program based on Monte-Carlo Tree Search with parallization
- Implement probability-based move and result prediction model
- Generate opening database from professional players' records
- Train deep-learning prediction and evaluation model

Chatbot   HTML, AIML, Javascript
2017
- General English conversation with text-to-speech and speech-to-text feature

Nonogram   C++
2014
- Use DFS Search with heuristic to solve the puzzle

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