

Hang LI

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Educational Background

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| The University of Queensland (Australia) | 07/2019 – Present |
| <ul style="list-style-type: none">• Pursuing Master of Science in Computer Science (GPA 6.7/7) | |
| The University of Minnesota, Twin-Cities (United States) | 08/2012 – 05/2016 |
| <ul style="list-style-type: none">• Bachelor of Science in Computer Science (Top 25% in Major)• Winner of Global Excellence Scholarship for four consecutive years (2012-2016). | |

Work Experience

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| The University of Queensland (St. Lucia, QLD, Australia)
Position: Research Scholar | 11/2019 – Present |
| Henan She Chuan Technology Co., Ltd. (Zhengzhou, Henan, China)
Position: Full Stack Developer Lead | 07/2018 – 07/2019 |
| Shenzhen Dianmao Technology Group (Shenzhen, Guangdong, China)
Position: Backend Developer | 06/2017 – 03/2018 |
| First Capital Fund Management CO., LTD (Shenzhen, Guangdong, China)
Position: Full Stack Developer | 08/2016 – 06/2017 |
| The Velocity Tech Solutions Inc. (Roseville, Minnesota United States)
Position: Software Developer | 02/2016 – 07/2016 |

Paper

[1] Hang LI (Li, 2017), Comparison of DFS and Backtracking DFS, *Digital User*, ISSN 1009-084, November, 2017. (Wan Fang Database included).

Abstract:

The efficiency of Depth-First-Search depends a lot on is there a pruning process in the search algorithm. Usually, if there is no pruning in the Depth-First-Search algorithm, the efficiency will be worse than the one with pruning process. This paper mainly addresses on comparison of the two search algorithms, Depth-First-Search and Backtracking Depth-First-Search. At the meantime, the comparison of Breadth-First-Search and Backtracking DFS search are processed. Three Sudoku Solvers using Depth-First-Search, Breadth-First-Search and backtracking Depth-First-Search written in Python are used as experiment tools to illustrate the comparison in this paper via solving different levels of Sudoku Puzzles (Li, 2017).

Reference:

Li, H. (2017). Comparison of DFS and Backtracking DFS. *Digital User*, 23(41), 5.

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