

Darius Reed

Junior Algorithm Engineer

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Professional Summary

Junior Algorithm Engineer with 2 years of experience designing and analyzing algorithms for data processing and optimization problems. Strong in Python, basic complexity analysis, and algorithmic problem solving.

Skills

Python, Algorithm Design, Complexity Analysis, Data Structures, Graph Algorithms, Greedy & Dynamic Programming, NumPy, Pandas, Matplotlib, Jupyter Notebooks

Experience

Algorithm Developer - LogicWave AI (2023 - Present)

- Designed and implemented efficient algorithms for route optimization problems.
- Analyzed time/space complexity and documented algorithm choices.
- Visualized algorithm performance for technical reports.

Research Assistant - Computational Lab, UCF (2022 - 2023)

- Prototyped sorting and pathfinding algorithms in Python.
- Benchmarked algorithm performance on different datasets.

Education

B.S. in Computer Science, University of Central Florida, 2022