RISHAV THAKUR

https://github.com/StTronn

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EDUCATION

Institute of Engineering and Technology(IET), Indore   *- 2021* CGPA 7.4
Bachelor's degree
Computer Science and Engineering

PROJECTS

8 Tiles Puzzle
The project is an implementation of the classic sliding puzzle game and also its solver which uses A*
search algorithm to find the solution https://sttronn.github.io/8-TILES/

Degree Finder (erdos number)
Find a link between Actor A and Kevin Bacon
using 2-way breadth-first search (BFS) on database to find the shortest path between pairs of actors

Keyword Finder
keyword extraction for given document implemented in c++ using TF-IDF algorithm based upon given
set of other documents as a corpus.

TECHNICAL

Languages	C++,Python,JavaScript
Software & Frameworks	React,Flask,Numpy,d3.js,Neo4j,MongoDB,Postgree,SQL,express

RESEARCH

Graph Algorithms
I am looking for oppurtunities to work in graph domain. I have worked with graph databases and made
projects- 8 tiles puzzle solver using A* search algorithms, Oracle of Kevin Bacon (erdos number,linkdin
degree b/w to actors). Studied basic control flow optimization in compilers

IoT and it's enabling technology (SSRN Electronic Journal)
Paper discussing and analyzing various technological and scaling issues related to development of internet Of things

LINKS

Github - https://github.com/StTronn
SPOJ - https://www.spoj.com/users/st_tronn/
SSRN - https://papers.ssrn.com/sol3/papers.cfm?abstract$_i d = 3365534$