Kannan Khosla

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ABOUT ME

Highly motivated fourth-year student pursuing a B.Sc. in Computing Science at the University of Alberta. Specializing in Data Science and Software Development with expertise in Python and Java. Proficient in data science libraries such as pandas, NumPy, scikit-learn, and TensorFlow. Seeking an internship opportunity to apply my knowledge, strong work ethic, and passion for technology. Eager to contribute to a team and gain valuable real-world experience.

SKILLS

- App Development
- Algorithms
- Data Structures and Algorithms
- Java
- Python
- SQLITE
- MongoDB
- Data-Science

EXPERIENCE

Peer Tutor, Univeristy of Alberta, September 2021-Current
Edmonton, AB
- Coached students through challenging material with positive reinforcement and encouragement.

Tutor, Varsity Tutors, September 2022-Current
Edmonton, AB
- Tutoring statistics, Maths and Computer science

Senior Associate, Amazon, June 2021-November 2021
Edmonton, AB
- Kept calm and applied strong problem-solving and interpersonal skills to resolve conflicts.

Research Assistant, CsZone, May 2020-August 2020
Amritsar , India
- Made lab assignments and test cases for class 11-12 students.

Cryptocurrency Analyst, Self Employed
Edmonton, AB
- After Studying and analyzing graph patterns I open up the positions in future trades and get the best out of it for my clients.

Event Manager, Self Employed

Edmonton, AB
- I and my team hosted a successful event for Diwali 2021 in edmonton where around 200 international students came and enjoyed.

ACCOMPLISHMENTS

ACADEMICS/ PERSONAL PROJECTS
BARQR [Android App]
An Android game like in which user scans Qr codes and Barcodes to gain points across globe and compete with other users
https://github.com/Kannan-Khosla/BARQR
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ExpenseMate [Android App]
An android app that is used to track expenses , make budgets and track investments.
https://github.com/Kannan-Khosla/ExpenseMate
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Movie Database App
https://github.com/Kannan-Khosla/Database_Project1.git
Used SQL with Python
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IMBD Database App
https://github.com/Kannan-Khosla/MongoDB-python-project.git
Used MongoDB with Python
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Memory Game
Nov 2020 - Dec 2020
https://github.com/Kannan-Khosla/MEMORY_GAME.git
Used Pygame library of python with object oriented programming.
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Sudoku Solver using CSP approach and backtracking
Used constraint satisfaction and arc consistency approach to create an ai based sudoku solver.
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Connect 4 game using MinMax and Alphabeta pruning
Used Minimax search with and without Alpha Beta pruning to find the optimal move in that state for Connect 4.
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Pathfinding using A* and BI-A*
Used A*, Bidirectional A* (Bi-A*), and MM for solving pathfinding problems on video game maps.
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ACCOMPLISHMENTS:
- Got the best motivational speaker award in the house-week of my high school.
- Awarded as the Best student in personality development camps for consecutive 3 years in my high school.

- Lead my school cricket team and won intercity tournaments for consecutive 2 years (2019-2020).
- Secured third rank in "CALC" a math competition held in MY city where I competed against 750 students.

WEBSITES, PORTFOLIOS, PROFILES

- https://github.com/Kannan-Khosla
- https://www.linkedin.com/in/kannan-khosla-4b8168222/

ADDITIONAL INFORMATION

I have been coding for 5 years now and have a handsome experience in python java and c programming.
In my second year I have worked on databases and algorithms.
I have 2 projects that include python SQLite and MongoDB
I also have an experience in computer architecture which provides me clarity about how things work at core CPU levels.
Currently I am grinding on deep concepts of Data-Science and AI.