

Kadiyam Srikar

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Self motivated and interested in complex software design , performance optimization , software stack simplification and management.

Deep understanding of Core CS concepts. Capable of adapting to any new software framework.

Education

National Institute of technology, Andhra Pradesh (2019-2023)

Bachelor Of Technology , Mechanical Engineering - 7.03

Narayana college , (Board of intermediate education, Andhra pradesh)

MPC - 93.6

Sri Aurobindo ideal High school (SSC Andhra pradesh)

10th - 9.8

Projects

Prediction Of Fraud Transactions In E Commerce Using Graph NN

- Using graph neural networks to detect possible fraud transactions in a e commerce environment.
(ksrikar1234/Hetero_graph_NN)

Symbolic Mathematics Addons

- Creating helper functions to solve numerical and symbolic equations in matlab & GNU Octave.
(ksrikar1234/Equation-analyser-manipulator)

Software Engineering Skill set

- Understanding bottlenecks in a software execution and Debugging.
- Software stack Development and management.
- Deeper understanding of modern CPU's, GPU's , Domain specific processing units and utilizing them for maximum efficiency
- Interested in High performance computing (HPC) , software optimization and compute acceleration for algorithms using CUDA , OpenMP , MPI and OpenCL to implement algorithms

Key Skills

- Python based Software frame works
- C++
- Javascript
- Shell scripting(bash , batch)
- Fortran
- MATLAB
- Unix system programming
- Assembly language (arm64/x86-64)

Interests

- Reading research papers and implementing them
- Understanding business oriented software development in startups.
- Viewing Game Development , Linux , C++ , HPC software conferences and technical podcasts
- Reading technical and economics related books and literature