Nidarshan Siddegowda

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Education

Purdue University, West Lafayette, IN

Computer Science B.S

Class Standing: [ Freshman ]

GPA: [ 3.9 / 4.0 ]

Programming Languages: [ Java, C, NodeJS, Python ]

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Professional Experience

*None*

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Personal Projects / Git Repos [ <https://github.com/nidarshans> ]

**BluBox : A “Cards Against Humanity” Simulator**

Tech Stack: [ NodeJS, jQuery ]

* *Implemented the Socket.IO library for real-time, bidirectional communication*

**DS&A**

Tech Stack: [ Java ]

* *A git repo containing implementation of various data structures and algorithms*
* *Sorting algorthims, Trees, Graphs, Dijkstra's Algorithm, UnionFind, etc.*

**BluBlock: A simple blockchain application**

Tech Stack: [ Python, Flask, OpenSSL ]

* *Implemented Python's "hashlib" library for SHA256 functionality*
* *Used Merkle Tree for efficient hashing verification*
* *OpenSSL for RSA signatures/encryption and signature verification*

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Coursera

* Algorithms Part 1 | Princeton University | <https://www.coursera.org/learn/algorithms-part1>
* Algorithms Part 2 | Princeton University | <https://www.coursera.org/learn/algorithms-part2>