Vaibhav Agasti

https://vaibhav3198.github.io/

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EDUCATION

Indian Institute of Information Technology, Nagpur — Nagpur, India
B. Tech in Computer Science and Engineering; GPA: (9.67/10) — *Aug. 2016 – 2020**

Bhavan's B.P. Vidya Mandir, Sri Krishna Nagar — Nagpur, India
Senior Secondary (AISSCE); (95.2%) — *July 2014 – May 2016*

Delhi Public School, Kamptee Road, Nagpur — Nagpur, India
Secondary Education (AISSE); GPA: (10/10) — *July 2014 – May 2016*

TECHNICAL SKILLS

- **Programming/Scripting Languages**: C, C++, Java, Python, C#, HTML, CSS, JS, MySQL.
- **Tools and Frameworks**: Unity, AngularJS.
- **Platform**: Linux.
- **Hardware**: Atmel Atmega 8, Arduino Uno.

PROJECTS

All projects are available on git: https://www.github.com/vaibhav3198/

- **ChessGame**: An AI based chess engine with GUI built from scratch in Java programming language.
- **Multi-Layer-Perceptron**: A MLP neural network with GUI implemented in Java. The network is used to predict the quality of wine.
- **TIC-TAC-TOE**: C++ implementation of a tic-tac-toe game with GUI. The game has a two player mode and a player vs computer mode.
- **Library Record System**: A library record data management system implemented in C using linked lists as well as avl tree structure for storing the data.
- **Metro App**: A user friendly metro app built in Android Studio. The features include integration with Uber API to facilitate cab services and finding shortest route to source and destination station.

PUBLICATIONS

- Bhadoria R. and Agasti V. (2018). The Paradigms of Blockchain Technology: Myths, Facts and Future.International Journal of Information Systems and Social Change (IJISSC), 10 (2).

ACHIEVEMENTS AND AWARDS

- Selected for ACM-ICPC 2018 Regionals.
- Recipient of Shri C. Subramaniam Award for excellence in character among the students of Std. XI and XII for the year 2015-16.
- Represented Nagpur chess team at state level.
- Junior college topper.
- Second prize in competitive coding at Tantrafiesta 2018.
- Anchored Fashion Show and Independence Day ceremony in IIIT.

POSITION OF RESPONSIBILITIES

- **Website Team Co-head**: Co-head for Website team of Tantrafiesta 2017, technical fest of IIITN.
- **Sponsorship Team Co-head**: Co-head for Sponsorship team of Abhivyakti 2017, cultural fest of IIITN.
- **Cultural Council Member**: Organised various cultural events including the cultural festival of IIITN, Abhivyakti 2017 in the academic year 2016-2017

RELEVANT INTERESTS

- Algorithms, Data Structures, Competitive Coding
- Website Development, Game Development, Software Development, App Development
- Machine Learning, Artificial Intelligence, Blockchain Technology