

VAIBHAV AGASTI

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🌐 Website

in LinkedIn

🐙 Github

CAREER PROFILE

Software developer, proficient in Data Structures and Algorithms having experience in AI algorithms, Machine Learning and Android development through various projects.

EDUCATION

Indian Institute of Information Technology.

B. Tech in Computer Science and Engineering.

CGPA: 9.63 till 6th semester

📅 2016 - Present

📍 Nagpur, India

Bhavan's B.P. Vidya Mandir, Sri Krishna Nagar.

All India Senior School Certificate Examination

Percentage: 95.2%

📅 2014 - 2016

📍 Nagpur, India

Delhi Public School, Nagpur.

All India Secondary School Examination

CGPA: 10.0

📅 2013 - 2014

📍 Nagpur, India

SKILLS

Programming and Scripting Languages

- C++, Java, Python, Shell Script, C#, JavaScript.

Tools and Frameworks

- Unity, AngularJS, Android Studio, VS Code.

Others

- Node.js, git, MySQL, HTML, CSS.

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).

EXTRACURRICULAR ACTIVITIES

Website Team Co-head

- Developed and deployed official website of Tantrafiesta 2017 as the co-head of website team.

Cultural Council Member

- Organized various cultural events at IIITN including its cultural festival Abhivyakti 2017.

Sponsorship Team Co-head

- Co-head for Sponsorship team of Abhivyakti 2017, cultural fest of IIITN.

PROJECTS

Chess Game

- An AI based chess engine with GUI built from scratch in Java programming language that implements the Minimax algorithm.
- Key concepts: Minimax algorithm, Game theory.

Multi-layer Perceptron

- A MLP neural network with GUI implemented in Java. The network is used to predict the quality of wine within error margin of 5%.
- Key concepts: Feed forward neural network, EBP algorithm. programming.

TCP File Server

- A file server that transfers files using TCP protocol through sockets in linux environment.
- Key concepts: TCP protocol, socket programming.

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.
- Key concepts: Advanced Data Structures, AVL trees, Linked Lists.

Metro App

- A metro app developed in Android Studio. The features include integration with Uber API to facilitate cab services and providing the users with best possible travel route.
- Key concepts: Graph Algorithms, Database Management.

ACHIEVEMENTS

- Recipient of Shri C. Subramaniam Award for excellence in character for the year 2015-16.
- Selected for ACM-ICPC 2017 Regionals.
- Second prize in competitive coding at Tantrafiesta 2018.
- Won gold medal in chess at Inter IIIT Sports Meet.

COURSES

- Data Structures, Algorithms, Object Oriented Programming.
- Discrete Mathematics, Operating Systems, DBMS.
- Theory of Computation, Soft Computing.