

ABHIK JAIN

W - 131 Uppal Southend, Sector – 49, Sohna Road, Gurgaon (Haryana) 120018
(+91)9971091453 ♦ abhikjain360@gmail.com

EDUCATION

International Institute of Information Technology, Naya Raipur Bachelor of Technology Department of Computer Science & Engineering	<i>August 2019 - present</i> SCGPA: 9.6
Amity International School, Gurgaon CBSE Class 12 th	<i>2018-19</i> Overall Percentage: 92.4%
Amity International School, Gurgaon CBSE Class 10 th	<i>2016-17</i> Overall CGPA: 10.0

INTERESTS

Parallel Algorithms, HPC
Mathematical Computing
Open Source, Free Software

TECHNICAL STRENGTHS

Programming	Rust, C/C++, Python(Numpy, Matplotlib, SciPy), Java & Bash
Frameworks	OpenGL, OpenCL, OpenMPI, OpenCV
Databases	Postgres, MariaDB, MongoDB
Other Technologies	Linux, Git, WebAssembly, Docker, Kubernetes, Node.js

PROJECTS

Graph Theory Engine

Supervisor: Dr. Ramakrishna Bandi

Implemented various graph algorithms in C++ and Rust.

Rubix Cube Solver (Ongoing)

Implementing Thistlethwaite's algorithm for solving rubik's cube in Rust ,WebAssembly and WebGL

Raytracer in Rust (Ongoing)

Implementing a Ray Tracer in Rust which can render realistic 3D images, and simulated materials like dielectric, metal and lambertian, along with features like motion blur.

Smart Electricity Bill

Supervisor: Dr. Venkanna

Created a website on which users can register and upload pictures of their electric meters, and AI on the server side will extract digits, from which bill will be calcululated. Backend in Node.js and Python.

Course Management System

Supervisor: Dr. Shivani Sharma

Created a Course Management System in Java using SQLite3 in backend for database.

ACHEIVEMENTS

- Highest CGPA in 1st Semester of college
- Core Member of college's coding club TSoC (The Society of Coders)
- Core Member of college's AI/ML Club

EXTRA-CURRICULAR

Member of college's Basketball Team
Participated in CBSE National Yoga Competition (2019, 2018)
Runner up in CBSE District Yoga Competition (2019, 2018, 2017)
Cleared Rockschoool Electic Guitar Grade 2