Aaditya Agarwal

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Education

2021 – 2025 Dehradun, India	**Computer Science Engineering (CScE)** *UPES (University of Petroleum and Energy Studies)*
2021 Kanpur, India	**12th (87.4%)** *Allen House Public School*
2019 Kanpur, India	**10th (89.7%)** *Allen House Public School*

Projects

- **Task Scheduler using Directed Acyclic Graph**
  The "Task Scheduler" program operates independently, focusing on fundamental DAG concepts for task scheduling
  - Addition of tasks with unique names and identifiers.
  - Establishment of dependencies between tasks using a directed acyclic graph.
  - Resetting all tasks to clear the graph and related data.
  - Visualizing tasks and their dependencies through a directed acyclic graph.

- **Digital Identity Management System through Blockchain**
  - Proposal of a Digital Identity Management System leveraging blockchain technology.
  - Aimed at enhancing data security, privacy, and control for users.
  - Empowers individuals to manage their own identities, granting ownership and access control over personal data.
  - Utilizes blockchain's features of immutability, transparency, and distributed consensus.
  - Fosters trust and minimizes the risk of unauthorized data modification or breaches.

Skills

● Python	●Java
● Algorithms	●Data Structures
● Solidity	●Blockchain Cryptography
● Networking	●C

Courses

- Web Development (Udemy)

Extra-curricular

Volunteer   *Jun' 22 – Jul '22*
Awoke India   *Kanpur, India*

Upes-Web Crux   *2023*
Helped in organizing various events & actively participated in the code-hour   *India*
event to improve coding.