ADITYA GANDHI

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EDUCATION

Georgia Institute of Technology   August 2023 – August 2025 | Expected
Masters in Computer Science
Coursework: Database Systems implementation, Network Security

Pandit Deendayal Energy University (PDEU)   August 2019 – May 2023
B.Tech in Computer Engineering   **CGPA:** 9.86/10.00
Coursework: Operating Systems, Computer Network, Advanced Web Technology, Big Data, Data Structure, AI, ML

WORK EXPERIENCE

Cling Multi-Solutions: (SDE Intern)   January 2023 - June 2023
- Designed a **responsive website** for Yogyata company, using **NextJS** framework.   *Pune, Maharashtra*
- **Designed** and **implemented API integration** for Cling-Connect admin portal using **ReactJS** framework.
- Guided a team of 3 people for testing this prototype website, which streamlines company process and reduces the workload by **almost 20%**.

eInfochips Organization: (Summer Intern)   May 2022 - July 2022
- Researched and constructed on the various algorithms employed in software applications.   *Remote*
- Built a simple visualization of such algorithms, and compared their performance statistics.

SKILLS

Technical Skills: C++, C, ReactJS, JavaScript, NextJS, HTML/CSS, Sass, Algorithms, Problem Solving, Web Development, Machine Learning, Data Mining, Python
Organizational Skills: Leadership, Communication, Documentation, Testing

PROJECTS

1. Chrome Extension for Productivity Booster | HTML, CSS, Js   August 2022 - November 2022
- Users can set a **time limit** on their preferred sites, they can **blur inappropriate words**, and check the site integrity. **Blocks** a default set of **NSFW content**, with the available option to block more sites.
- Employed a **Site-integrity checker** with PageSpeed-Insights API, and utilized inbuilt chrome APIs for data storage and time-tracking. User can **blur specific page sections** for enhanced privacy in public.

2. Club Website | Html, Css, Js, PHP   May 2021 - June 2022
- Developed the **front-end interface** for my undergrad university's dynamic website catering to more than **40 clubs**, providing them with a secure login system.
- Implemented **user authentication mechanisms** to ensure regular update and registration for club events.

3. OS Virtual Lab | Java   January 2020 - April 2020
- Developed a **GUI** for the graphical visualization of **6 Disk-scheduling and Page-replacement** algorithms.
- Functionalities like comparison of algorithms, description of their workings etc. were developed too.

PUBLICATIONS

1. Enhanced handwritten digit recognition using optimally selected optimizer for an ANN
- Implemented an accurate handwritten recognition model, with optimal optimizer selection done through testing of different models. Achieved a remarkable accuracy of 98.55% by employing an ANN model with Adagrad Optimizer.   (Multimedia Tools and Applications)

2. Integrated Database Management System for Emergency Services
- Designed a **SQL data-management** and query-handling system for handling Emergency responses; connecting police, medical and fire-brigade departments.   (AIMV Conference)

EXTRA-CURRICULAR ACTIVITIES

- (LeetCode:) **Knight Badge Achieved** (**Highest ranking:** 1973). More than 950 problems solved.
- **Publicity head** and volunteered at 1st Artificial Intelligence and Machine Vision (**AIMV**) Conference hosted by IEEE at PDEU with over 100 paper presentations by authors from across the world.   (Website)
- Event Management Head at **HackerEarth Pdeu (PDEU Student Chapter):** Designed the problems for and conducted **4 coding competitions** throughout the year.