Abhinav Ojha

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Education

M.C.Kejriwal Vidyapeeth   Howrah, WB, IND.
Indian Certificate of Secondary Education Science, GPA: 88%   May 2017

M.C.Kejriwal Vidyapeeth   Howrah, WB, IND.
Indian School Certificate Indian School Certificate, GPA: 82%   May 2019

Institute Of Engineering & Management   Kolkata, WB, IND.
Bachelor of Computer Applications Computer Applications, GPA: 9.14   June 2022

Internships

Jadavpur University   Jadavpur, Howrah, WB   *Student Intern*   *Jun 2022 - Oct 2022*

- Optimized existing website to decrease load time with backend support for a contact us form.
- Developed prototypes for proposed research ideas and helped in publishing the same.

IDZ Digital   Work From Home   *Software Developer*   *2nd Nov 2022 - 31st Jan 2023*

- Improved the pipeline for applications targeting Amazon FireTV of the In-House tool.
- Improved existing projects both graphically and programmatically.
- Developed prototypes for proposed research ideas for a new application.

Tech Stack

Languages C#, Java/JavaFX, Python, C, C++, HTML, CSS, JS, PHP

Game Engines Unity, Unreal Engine 5, Godot

Creative Suite Adobe Photoshop, Adobe Premiere Pro, Blender

Database MySQL, SQLite

Projects

AI Based Strategic War Game Unity, C#, Adobe Photoshop
https://drive.google.com/file/d/1BBfHe6mIW5AVQrANqemOHQ6_jgqOyU9J/view?usp=share_link
The Major project is a Tactical Strategy game that combines elements of traditional games like
Advanced Wars and Final Fantasy with new features. It was developed as a tribute to the popular
Tactical Strategy game Advanced Wars, aiming to provide a familiar experience while also offering
something new to players.

Bio-inspired Optimization in Social Network Analysis Python
https://drive.google.com/file/d/1fpW_ddukAXoB1J6poDdwX2z35iu-tmPQ/view?usp=share_link
The Minor project is a research concept that explores unique models of information propagation and
influence maximization in social networks, using bio-inspired computing algorithms such as genetic
algorithms with community interaction optimization. The aim is to examine challenges in the
propagation of information.