Fernando Jose C. Acebuche

Major in Computer Science

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Full Time Computer Science Student at EARIST. Love to discover and learn things out of scratch. Willing to explore and expand my knowledge technically and socially. I am creative and client-centric guy.

Computer Science Projects

Depression – Treatment Application

- Developed and implemented a Depression Treatment Application using Java with the Java Swing framework.
- Utilized Object-Oriented Programming principles to enhance code organization and maintainability.
- Designed to diagnose and treat depression based on user responses to specific questions.

Rehabify Management System for Rehabilitation Center

- Engineered the Rehabify Management System utilizing ReactJS and NEXTJS frameworks.
- Applied Tailwind CSS and Material UI for a modern and responsive design.
- Leveraged Typescript for robust and statically-typed programming.
- Explore the live version: https://ts-rehab.vercel.app/

Full Stack "SocioLite" Application

- Developed the "SocioLite" application as a full-stack solution using Vite.js, Typescript, and Tailwind CSS for the frontend.
- Employed Node.js and Express on the backend, integrating cloudinary for multimedia handling and Zustand for efficient state management.
- Empowered users to perform various actions, including creating, updating, and deleting posts, comments, and user profiles.

Earist Social Forum Application

- Engineered a full-stack MERN application using Typescript for enhanced code integrity.
- Implemented core functionalities such as creating, updating, and deleting posts, along with features like likes and comments.
- Integrated Zustand for effective state management.
- Explore the live version: https://social-earist-forum.vercel.app/

Sorting Algorithm Visualizer

- Implemented a Bubble Sorting Algorithm Visualizer in REACTJS.
- Ensured scalability, flexibility, and dynamic code for an interactive user experience.
- Explore the live version: https://visualsortcraft.vercel.app/

Technologies

- **Languages:** Python, Java, C++, HTML, CSS, TypeScript, JavaScript
- **Frameworks & Libraries:** ReactJS, Next.js, Vite.js, Tailwind CSS, Node.js, Express.js, Pygame, jupyter notebook, java swing.
- **State Management:** Zustand, Redux Toolkit
- **Database and Security:** MongoDB, MySQL, cloudinary, brcypt, jsonwebtoken, nextauth
- **Development Tools:** Postman, Git version Control

Education

- 2021 – 2024 – Computer Science - **Eulogio "Amang" Rodriguez Institute of Science and Technology**

Certificates

- Free Webinar: End-to-End Product Development by Morgan Lopes
- Zuitt Open House: Free Basic Web Development Crash Course
- Soft Skills for Software Developers by Guest Speaker Morgan Lopes