Richard II B. Majarucon

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EDUCATION

SENIOR HIGH SCHOOL GRADUATE | NEW ERA UNIVERSITY INTEGRATED SCHOOL
2020 – 2022
-Science, Technology, Engineering, and Mathematics

2ND YEAR COLLEGE | SYSTEMS TECHNOLOGY INSTITUTE COLLEGE
2022 – CURRENT
-Bachelor of Science in Computer Science

PROJECTS

LifeBlood | Developer | Arduino Uno, MIT App Inventor

- Coordinated team efforts, delegated tasks, and ensured project milestones were met.
- Developed the mobile application interface using MIT App Inventor.
- Assembled and configured the hardware components, including Arduino Uno, sensors, and actuators.
- Integrated and programmed Arduino Uno for hardware control and sensor interaction.
- Established a seamless Bluetooth communication protocol between the mobile app and Arduino.
- Conducted testing, debugging, and troubleshooting to ensure the system's reliability.

Library Attendance Management System | Assistant Project Manager | Java, MySQL

- Delegated tasks to project heads, ensuring efficient project management.
- Facilitated communication between project heads to foster collaboration and coordination.
- Developed the user interface in Java, enabling CRUD operations for system users.
- Implemented and managed the SQL database for data storage and retrieval.
- Assisted the project manager in guiding the team and maintaining a productive work environment.

Deretso | Tech Lead & Frontend Developer | React JS, HTML & CSS, Firebase, Git, Firestore
https://appcon-sytech.web.app

- Proposed and positioned the project as a contender for AppCon.
- Led cross-functional teams (UI/UX, Backend, Database) and developed the entire frontend using React.js.
- Verified that the documentation aligned with the project's vision and conceptual framework.
- Spearheaded progress reports to the project manager, who communicated updates to professors.
- Deployed the website and ensured quality, with final approval before merging into the main GitHub repository.

CERTIFICATES

INTRODUCTION TO PYTHON | NEW ERA UNIVERSITY, UNIVERSITY OF THE PHILIPPINES 2022-2023

- Learned the Basics of Python and have been introduced to Web Development using Django Web Framework.
- Created multiple projects from New Era University Training and uploaded them to GitHub.

COMPUTER SYSTEMS SERVICING NCII | 5G IT-TRAINING CENTER 2023 – 2023

- Demonstrated proficiency in diagnosing and repairing computer hardware and software issues.
- Acquired hands-on experience in assembling, disassembling, and maintaining computer systems.
- Developed strong troubleshooting skills, ensuring the efficient operation of computer systems.
- Gained a comprehensive understanding of networking concepts and protocols. Introduced
- to setting up servers and performing OS installations, expanding expertise in IT infrastructure management.

TECHNICAL SKILLS

Language: Java, Python, GD Script, C#, SQL(MySQL), Arduino Code, HTML/CSS, PHP, Javascript
Frameworks: ASP.NET, Django, React JS
Developer Tools: PyCharm, NetBeans, VS Code, Visual Studio, Arduino Software, Godot