Charles Pardo Bernadez

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Objective:

As a recent graduate with a degree in computer science and a passion for software engineering, my career goal is to become a Junior Software Engineer and gain practical experience in building efficient, reliable, and scalable software systems. I am excited about the opportunity to work with a team of experienced engineers at the company and contribute to the development of innovative solutions that drive business success. I am committed to learning new programming languages, frameworks, and technologies, and I am eager to apply my skills and knowledge to solve complex software problems. I am excited about the opportunity to work in a dynamic and challenging environment, enhance my skills in software development and project management, and grow with your company as it continues to expand its reach and impact in the industry.

Technical Skills

- HTML
- CSS
- JAVASCRIPT
- PHP
- PHP: MySQL Database
- Python
- Java
- Web Development
- Web Apps (PWA's)
- IoT

Education:

Mabini Colleges Inc. June 2023
Bachelor of science in Computer Science

Mabini Colleges Inc. April 2019
Senior Highschool | STEM

Experience:

MDRRMO LGU-Labo
Associate - Information Technology Intern June 21, 2022 – July 23, 2022

- Interned at a Municipal Disaster Risk Reduction Management Office, applying computer science skills to address their document storage challenges.
- Developed a database management system to digitize and organize the extensive collection of physical documents.
- Implemented a system that allowed for easy and quick search and retrieval of specific documents, improving document accessibility and efficiency.

- Incorporated features into the system that enabled categorization of documents by type, date, or relevant criteria, making it easier to identify and locate relevant documents when needed.
- Demonstrated proficiency in database management, problem-solving, and communication skills through successful completion of the internship.

Projects:

LIFELINE | Role: Researcher and Lead Developer

LIFELINE Blood Donation System is an innovative and ambitious computer science senior-year project that seeks to solve the pressing issue of blood shortages in the healthcare industry. The primary goal of this project is to tackle the problems of donor recruitment and retention, with the aim of addressing the shortages of blood that are often experienced in many parts of the world. This Progressive Web Application (PWA) is designed to function seamlessly on any operating system, making it easily accessible to a wider audience of potential donors.

Additionally, This LIFELINE web app was a winner of the **"Most Innovative Life-Saving Multi-Platform Award"** for **ELEMENTS 2023: MC-CCS ICT EXPO 2023** with the theme of **"ICT SOLUTIONS WITH A HEARTH..."** in Mabini Colleges Inc. across all participants in that event.

MDRRMO_DMS | Role: Researcher and Lead Developer

A database management system that aimed to solve storing documents in physical form, which made retrieval and organization a time-consuming and tedious process. This system would allow them to digitize their documents and store them in an organized manner. This system made it possible for them to quickly search and retrieve specific documents when needed. The database management system developed by me and my team during our internships had a feature that enabled them to categorize the documents by type, date, or any other relevant criteria. This categorization made it easier for them to identify and locate the relevant documents when needed.

DENR WLPRMS

The project that I have developed in my free time for the Department of Environment and Natural Resources (DENR) wildlife protection reporting management system is a highly significant initiative aimed at protecting and preserving wildlife species. The website that I have designed allows anyone to report any instances of wildlife sightings or encounters, including those that may be injured, sick, or in need of rescue.

The primary objective of the system is to provide a user-friendly platform that encourages the public to report any sightings of wildlife in their locality. By doing so, it enables the DENR to monitor the status of various wildlife populations and track changes in their distribution patterns over time. Additionally, the system also provides an efficient way for the authorities to respond to reported sightings of wildlife that may require immediate attention, such as those that may be in danger of extinction or facing habitat destruction.

References:

Reference Name:	Dr. Alexy Gene B. Castillo, MIT.
Job Title:	Dean of College of Computer Studies,
Organization:	Mabini Colleges Inc.
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Reference Name:	Arjgie V. Barco, RN, MSDRM, Enp.
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