AERON JUSTINE M. CRUZ
COMPUTER ENGINEER

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I am eager to leverage my expertise in software development, along with my knowledge in hardware to contribute to the Computer Engineering field. I am passionate about technology and continuously seeking opportunities to expand my expertise and gain hands-on experience driven by a strong work ethics and a desire to contribute to innovative projects.

PROFESSIONAL EXPERIENCE

IT Intern, Philippine Health Insurance Corporation - Region 3   **Jun 2023 - Jul 2023**
- Utilized various PHIC Web Systems to efficiently process eClaims data entries and audit reports .
- Mail transmission of PHIC sensitive information throughout the Region 3.
- Mandatory maintenance, cleaning and troubleshooting of computers systems, components, printers, and stable LAN connections of computers to their servers.

EDUCATION

Bachelor of Science in Computer Engineering   **Oct 2020 - July 2024**
Bulacan State University - Meneses Campus
- General Weighted Average: **1.35 GWA**
- BulSU Gold Gear Award - **Dean's List [A.Y 2021-2022 & A.Y 2023-2024]**
- **Student Member** of Institute of Computer Engineers of the Philippines Student Edition - Region 3
- Participate in **DICT 8th Philippine StartUp Challenge 2023** at Bataan Peninsula State University

SEMINARS AND ONLINE TRAINING COURSES

- **DICT-ILCDB |** Digital Mindset: Guide to Startup
- **DICT-ILCDB |** Blockchain 101: Blockchain for Beginners
- **DICT-ILCDB |** WD001-005: Web Development MOOCs
- **Cisco Networking Academy** - Introduction to Data Science
- **Python Institute** - Python Essentials 1

TECHNICAL SKILLS

Programming Languages
- Object Oriented Programming (OOP), C, C++, and Python.

Web Development
- HTML, CSS, Bootstrap, JavaScript, PHP, API, MySQL, Figma, Git and GitHub version controls.

Electronics and Embedded Simulation
- Arduino, ESP, Raspberry Pi and designing electronics circuits using EasyEDA,

Other Related Skills
- Microsoft Office, Google Workspace, AutoCAD, Graphic Designing, Video Editing and eSports Management.

Area of Interest
- Artificial Intelligence, Machine Learning, Cloud Computing, Data Engineering, Internet of Things.

Soft Skills
- Time Management
- Versatile
- Collaborative
- Creative and Innovative

RECENT PROJECTS

Lock 'n Load Web Application System
A web application system built for efficient recording of borrowed laptops by students in computer laboratory using a generated QR code unique for a students and a web-based QR code scanner built inside the web application.
- Developed the system using Bootstrap as CSS Framework for the UI and Vanilla PHP for the backend and MySQL for the structured databases.
- Used different libraries in JavaScript and PHP such as InstascanJS, QRiousJS, PHPMailer and FPDF to fully develop the functionality of features.
- Use Google Mail for transferring the borrowing records and QR Codes of professor and students respectively.