CHARMAINE B. LLORCA

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Education	**University of San Carlos**	*Cebu, Philippines*
	Bachelor of Science in Computer Science	*July 2018*

Experience

Rei Data Connect *Remote (Part-Time)*

Python and Web Developer *December 2019 – Present*

- Reviewed the company's [website](#) and worked collaboratively with the team on back-end components.
- Designed a Python process to replicate an existing SAS/SQL program, and currently developing a data analysis script to filter real estate listing with the help of Pandas.

Digivante *Remote (Freelance)*

BugFinder *April 2019 – October 2019*

- Tested websites, software, and applications to look for bugs and issues according to the scope or standard that [Digivante](#) sets for functional, usability, and conversion testing.

Commercial Reach Inc. *Cebu, Philippines*

IT Support Intern *April 2018 – July 2018*

- Developed a web-management system for computer peripherals by using the CodeIgniter MVC framework. Manage and updated the project with a team of two. Deployed an in-house inventory system.
- Diagnosed the hardware, software applications, and systems' faults.

Projects

Student-Teacher Portal System

Course project, Software Developer

November 2017 – July 2018

- Designed, developed, and maintained an application in which students and teachers can interact, attach class notes, see their schedules, and search for other official information. Built using Laravel and agile deployment.

Image-Based Pest and Disease Recognition of Tomato Plants Using a Convolutional Neural Network

Researcher
June 2017 – March 2018 (Published in ICTCBW 2018)

- Designed an image classifier and system that can recognize different types of tomato pests and diseases. Implemented using Python and Convolutional Neural Network, the classifier in the study resulted in an accuracy of 88.9%.

Skills

Languages – C, PHP, Python, SQL, Java, HTML, CSS, SAS

Databases – MySQL, phpMyAdmin

Frameworks – Laravel, CodeIgniter, Bootstrap, jQuery

Development Environment – Git, Netbeans, DevC++, Virtual Studio, XAMPP, Laragon, Jupyter Notebook

Relevant Coursework

Introduction to Computer Science and Programming

Data Structures and Algorithms

Database Systems

Object-Oriented Concepts

Web Applications Development

Software Engineering

Conferences and Activities

International Conference on Technological Challenges for Better World (ICTCBW 2018)

March 2018, Participant

- This conference encompassed almost all fields in science, the research results of which are for the betterment of the world we live in.

17th PHILIPPINE COMPUTING SCIENCE CONGRESS

March 2017, Participant

- This featured the contribution of research papers and special lectures by prominent researchers and educators in the field of computing, ICT, and related fields.