**CHRISTIAN PAUL SAUSE VELASCO**

Computer Engineering Student

**Personal Information**

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**Introduction**

An adaptable and highly motivated computer engineering student with academic experience to keep up with various positions possible. Equipped with a foundation of computer engineering concepts and acquired knowledge in different programming languages for various software from studies and technical experiences within academics. Eager to learn and acquire further experience in the field and willing to collaborate with teams outside the academic walls.

**Education**

Bachelor of Science in Computer Engineering

De La Salle University - Laguna Campus

2019 - Present

* Currently a 4th-year college student
* Had one research publication entitled "Wide Bandpass Filter Composed of First-Order and Second-Order Active High Pass Filters Simulated Using MATLAB and Multisim Live"
* Former Chairperson for Research and Development - Gokongwei College of Engineering (GCOE) at DLSU Laguna Campus Student Government (LCSG)
* Currently working on a thesis entitled "Development of a Wastewater Monitoring System Using Electronic Nose Technology"

Senior High School

Science, Technology, Engineering, and Mathematics (STEM)

De La Salle University - Integrated School

2017 - 2019

* Worked on a thesis entitled "In Stories, We Learn: Cybersecurity Awareness and Privacy Breach Experience on Social Networking Sites Self-Disclosure"

Junior High School

De La Salle University - Integrated School

2013 - 2017

Elementary School

Macabling Elementary School

2006 - 2013

**Skills**

Programming Languages

* C
* C++
* Python
* Javascript
* PHP

Hardware Design/Interfacing

* Vivado
  + FPGA
  + Xilinx Kintex
* Microcontroller
  + Arduino UNO

Other Applications

* MATLAB
* Microsoft Office
* GNS3

Soft Skills

* Flexible and adaptable
* Quick learner
* Can coordinate and work with a team
* Disciplined work ethic
* Systematic/procedural type of person

**Work Experience**

Intern Web Application Developer

May 2023 - August 2023

Gardenia Bakeries (Philippines), Inc.

* Assigned as one of the web developers for the Product Maintenance module
* Front-end development and back-end development with NodeJS and PHP Laravel
* Attended scrum meetings with the assigned business analyst and QA project head
* Conducted unit testing and created a deployment checklist upon finishing the development

Chairperson for Research & Development

Laguna Campus Student Government – Engineering College Government (LCSG-ECG)

De La Salle University – Laguna Campus

February 2022 – December 2022

* Conducted surveys for Leadership Training and Team Building Activities
* Organized the available courses offered for engineering in DLSU- Laguna Campus
* Provided a medium for students to send their concerns, specifically on enrollment

Organization Member

Association of Computer Engineering Students (ACCESS)

De La Salle University – Laguna Campus

**Awards and Honors**

* Lasallian Instructional Gift for Adopted Pupils (LINGAP) Scholarship Grantee
  + Handled by De La Salle University, Lasallian Mission Office (LMO)
  + 2013 - Present
* Iskolar ng Laguna Scholarship Grantee
  + Handled by the Provincial Government of Laguna
  + 2022 - Present
* Thesis Entitled "In Stories, We Learn: Cybersecurity Awareness and Privacy Breach Experience on Social Networking Sites Self-Disclosure" Accepted in the 1st DLSU Senior High School Research Congress: Convergence of Research Diversity
  + De La Salle University
  + 2019
* Exemplary Conduct Awardee (Junior High School)
  + De La Salle University – Integrated School
  + 2017
* Elementary School Valedictorian
  + Macabling Elementary School
  + 2013

**Publications**

D. D. Abuan, G. F. Perez, M. B. Medrano, and **C. P. Velasco**, "Wide Bandpass Filter Composed of First-order and Second-Order Active High Pass Filters Simulated Using MATLAB and Multisim Live," *2022 2nd International Conference on Technological Advancements in Computational Sciences (ICTACS)*, Tashkent, Uzbekistan, 2022, pp. 403-408, doi: 10.1109/ICTACS56270.2022.9988395.