

## Jorge Guiller S. Gonzales

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### EDUCATION

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<b>University of the Philippines Visayas</b> , Division of Physical Sciences and Mathematics	Miagao, Iloilo
B.S., Third Year, Computer Science	2021-present
<b>Philippine Science High School Western Visayas</b> ,	Iloilo City, Iloilo
Senior High School, Director's List	2021

### ACHIEVEMENTS

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<b>Participant</b> , Microcontrollers Exhibition, <i>Philippine Science High School Western Visayas</i>	2019
<b>Intern</b> , <i>University of the Philippines Diliman Mining, Metallurgical, and Materials Engineering</i>	2019
<b>Participant</b> , KomSai Week Exhibition, <i>University of the Philippines Visayas</i>	2024
<b>2nd Highest Score</b> , Project Presentation and Defense, <i>University of the Philippines Visayas</i>	2024

### PROJECTS

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<b>Sumsang SSS+</b>	2021
<ul style="list-style-type: none"><li>• Bootleg Android Phone made in Python and Tkinter for GUI</li></ul>	
<b>Bootleg<sup>2</sup> Pokemon</b>	2022
<ul style="list-style-type: none"><li>• Turn based game that follows pokemon battle mechanics</li></ul>	
<b>Project Buy-lo</b>	2023
<ul style="list-style-type: none"><li>• Barter website built with JavaScript, HTML, and CSS</li></ul>	
<b>Pushdown Automata Checker</b>	2023
<ul style="list-style-type: none"><li>• Checks if input is accepted by a given PDA</li></ul>	
<b>Guitar Distortion Pedal through Arduino</b>	2023
<ul style="list-style-type: none"><li>• An arduino based guitar pedal where the switch changes the sound to distorted or clean</li></ul>	
<b>Generals</b>	2024
<ul style="list-style-type: none"><li>• A pass and play mobile application based on the board game Game of the Generals</li></ul>	
<b>Project Kurdam</b>	
<ul style="list-style-type: none"><li>• Top-down, turn based and D&amp;D based game built with C# and Unity</li></ul>	2023-present

## SKILLS

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Experience with Python, Dart, C, C#, JavaScript, and Java programming languages

Experience with Firebase and MySQL databases

Experience with Flutter

Experience with web development

Experience with game development

Experience with Git and Github version control

Experience with concepts and applications of Biology

Experience with concepts and applications of Physics

Experience with concepts and applications of Statistics

## Leadership Experience

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Head, Class Project, Project Buy-lo, <i>University of the Philippines Visayas</i>	2023
Scrum Master, Class Project, Project Kurdam, <i>University of the Philippines Visayas</i> ,	2023-present
Captain, Basketball Team, Intrams, <i>Philippine Science High School Western Visayas</i>	2015-2019
Sports Development Council Officer, <i>Philippine Science High School Western Visayas</i>	2015-2019
Student Council Officer, <i>Collegio De La Inmaculada Concepcion, Inc. Pototan</i>	2014-2015

## HOBBIES AND INTERESTS

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Basketball: part of intramurals team since 4th grade, joined barangay games since 6th grade

Game Development: Started using gameshark codes and experimenting with changing their values to access unique sprites in 4th grade (Final Fantasy Tactics Advance and Tactics Ogre: Knights of Lodis), started creating local maps in starcraft and warcraft in 5th grade, and creating game projects in college

Coding: interested in building algorithms to efficiently solve problems and building systems to handle tasks