Johnny Ong

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EDUCATION

California State Polytechnic University, Pomona — Pomona, CA
Bachelor's of Computer Science, GPA 3.79 — Expected Graduation 2022

Related Coursework: Game Development, Design and Analysis of Algorithms, Mobile Application Development, Object-Oriented Design and Programming, Computer Organization and Assembly

Orange Coast College — Costa Mesa, CA
Associate's of Computer Science — Grad 2020

Related Coursework: Java Programming, C++ Programming, Data Structures, Discrete Structures, Computer Info Sys
· Certification of Specialization: C++ Certification
· Certification of Achievement

PROJECTS

Discord Chat Bot

- Designed general purpose Discord chat bot using **Python** to add additional functionality to Discord chat servers via various APIs to allow for translation, polls, different moderation techniques, and weather search
- Integrated with Replit's database to store, read, edit, or delete user input
- Researched and utilized Discord's API to read user commands and output various responses

Bumper Hero Mobile Game

- Designed and developed an addictive idle game using **Kotlin** in **Android Studios**
- Created custom assets and sprites to have unique art direction and game design
- Implemented using a MVC pattern

Line Queue Simulator

- A line queuing simulation implemented in **C++** with customizable parameters
- Demonstrates mastery of **Data Structures** and **Object-Oriented Design**
- Outputs a formatted report consisting of various metrics

Visual Memory Glitch Project

- Visual audio memory game utilizing **JavaScript**, **HTML**, and **CSS**
- Features randomly generated sequence per game session and "lives" system

EXPERIENCE

Cauldron Ice Cream — Santa Ana, CA
Shift Lead — May 2017 - Present

- Coordinated teams of 3+ front of house staff with use of communication and leadership skills
- Served over 1000s of customers and resolved complaints yielding to excellent reviews
- Maintain efficient workflow utilizing organization skills

SKILLS

Programming Languages: **Python**, **C++**, Java, Kotlin, C

Methods: **Object Orientated Programming**, **Design and Analysis of Algorithms**, Model View Controller Design