Israel Banez

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Education

California Polytechnic State University, San Luis Obispo (Cal Poly)
Bachelors of Science in *Computer Science* to be conferred in Spring 2023
GPA: 3.22 | Dean's List: Spring 2020 | Cal Poly Scholars Scholarship: Fall 2019 - Spring 2023

Relevant Coursework

- Systems Programming
- Discrete Structures
- Data Structures
- Statistical Methods for Engineers
- Calculus/ Math (sequence completed)
- Physics (sequence completed)
- Project-based Object-Oriented Programming and Design

Relevant Projects

Huffman Tree Encoding/Decoding | Python
- Implemented a binary tree based on the frequency of characters, with assigned bit values 0 and 1, to decipher and encode text using Huffman coding.

Virtual World | Java
- Created a 2-D virtual platform with various mobs encoded with an agenda to interact with the surrounding environment and react when users alter the environment via a user interface.

Shell Scripting | C
- Built a program to simulate the behaviors of a command-line interface in a Unix-like environment with features such as redirection and pipeline to connect various commands.

Skills

- **Programming Languages**: Python, Java, C, Assembly, Machine
- **Operating Systems**: Windows, Linux, UNIX
- **Microsoft Office**: Word, Excel, Powerpoint
- Familiar with Ilocano and Japanese

Extracurricular Activities

Chinese Student Association | Active Member/ Board Member   **October 2019 – Present**
Tech Director :   **March 2020 – Present**
- Manages/sets up the club's supplies for events and hosts/schedules certain events such as traditional dances, modern performances, cultural banquets, etc., to share Chinese culture with the San Luis Obispo community.
- Collaborates with other planning committees within the club and communicates up-to-date documentation of activities/events via virtual meetings and social media.

Pilipino Cultural Exchange | Active Member   **October 2019 – Present**
- Participated in social gatherings, cultural dances, fundraisers, etc., in order to expand the San Luis Obispo community's understanding of the Pilipino culture.

Interact Club | Member   **September 2015 - May 2019**
- Engaged in various fundraisers, community services, and causes such as Relay for Life to promote leadership, cooperation, and connection within local communities.

Work Experience

Panda Express | Kitchen Help   **July 2018 – August 2019**
Salinas, CA (24 hours/week)
- Cooperated with a small team of 5 each workday to provide food and service to the customers and manage the store's supplies and produce.

Honors

Cal Poly Scholars | Active Member   **September 2019 – Present**