Zaíd Ruíz

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EDUCATION

Cal Poly SLO, San Luis Obispo, CA   Sep 2022 – Sep 2025
*B.S. Computer Science - **3.8 GPA***

Palomar College, San Diego, CA   Jun 2019 – May 2022
*Dual-Enrollment during High School. Emphasis on Programming Languages and GE's - **4.0 GPA***

TECHNICAL SKILLS

Languages: Python, C#, Java, C, Assembly Language   **Web Design**: HTML, CSS, JavaScript

Tools: PyCharm, IntelliJ, Visual Studio, Android Studio, Fusion360   **Database/Cloud**: Microsoft SQL Server

TECHNICAL EXPERIENCE

ServiceNow, Santa Monica, CA (*Remote*)   Jun 2021 – Aug 2021
Apprenticeship: Java, ServiceNow Developer Tools & Framework

- Chosen out of 100 applicants to join 10 other students to partake in a new program sponsored by ServiceNow in collaboration with A Bridge For Kids, a non-profit aimed at providing educational opportunities to low-income students.
- Completed a 12-week program involving weekly meetings with current ServiceNow developers in order to learn how they use ServiceNow's developer tools to create digital workflows for companies such as 7-Eleven and Deloitte.
- Created a digital workflow that demonstrated my understanding of ServiceNow's developer tools in order win the first ever ServiceNow Scholars Hackathon.

Cal Poly Prototype Vehicles Laboratory, San Luis Obispo, CA   Oct 2022 – Jun 2023
Lead UI Dashboard Developer: Java, Android Studio, C

- Design a User Interface for the dashboard of Project Mila, an EV aimed at setting a world record of going 1000+ miles on a single charge.
- The dashboard UI will give the driver motor control to drive or reverse, as well as allow the driver to monitor car vitals to prioritize driver safety.
- More Info: https://www.provelab.org/mila

LEADERSHIP EXPERIENCE

Associated Student Body | *Secretary*   Mar 2021 – Mar 2022

- Organizing important school events including formal dances (Prom & Homecoming), Spirit Weeks, and school competitions.
- Reach out to local businesses to bring products and services to school and community events.
- Record sensitive information and payments for club and sport activities made during weekly meetings.

FIRST Robotics | *Assembly Crew Co-Lead*   Aug 2019 – May 2020

- Led team of 20+ students to create a semi-autonomous robot capable of shooting balls at targets and hanging itself on bars.
- Collaborated with my team to create parts on CAD software and assemble the robot together using industrial machinery.
- Spearheaded the creation of a new workbench that's easier to move and carried more tools to repair our robot during competitions.

ADDITIONAL INFORMATION

Related Coursework
- Data Structures and Algorithms (CSC 202), Object Oriented Programming (CSC 203), Systems Programming (CSC 357)

Video Game Refactoring Project | Java, IntelliJ
- Refactored a large code base (functional to object oriented) while maintaining the game's functionality.
- Utilized OOP principles to increase usability and privacy (encapsulation, polymorphism, A* Algorithm).

Huffman Encode and Decode Project | C, Unix IO, Makefile, VS Code
- Program that can take a large input file and create a compressed output file using Huffman encoding.
- This compressed file can later be decoded to output the starting input file message.
- https://github.com/King-Z-101/CSC357/tree/main/HUFFMAN-ENCODE-DECODE

Personal Website | HTML/CSS, JavaScript
- Created to practice my web design skills and lists my education, personal background, and future aspirations.
- Website URL (work in progress): https://King-Z-101.github.io

Honors & Awards: Class of 2022 Salutatorian, ServiceNow Hackathon Winner, California Boys' State Delegate