**Kristopher Acuna**

Las Vegas, NV

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**EDUCATION**

**University of Nevada, Las Vegas (College of Engineering)** Expected: May of 2024

*Bachelor of Arts in Computer Science, Emphasis in English GPA*: 3.31

**Southeast Career Technical Academy (SECTA)**  May 2018

*Magnet Program: Internetworking Technology Major Las Vegas, NV*



**TECHNICAL SKILLS**

**Languages:** C++, C, BASH Scripts, Assembly (x64 & MIPS), Java, React, Typescript

**Developer Tools & IDE’s:** Visual Studio Code, GitHub, CodeSpaces, Replit, IntelliJ, Salesforce



## **PROJECTS**

## [**Connect Four**](https://github.com/krisacuna/CS302-CONNECT-FOUR)(C++)– Data Structures & Algorithms Project

* Developed a dynamic circular linked list, emphasizing encapsulation of data within classes and incorporating advanced features like an iterator class to result a Connect-4 like console game.
* Showcased understanding of Object-Oriented Programming concepts and prioritized efficient memory management when using dynamic memory.

## [**Spell Checker**](https://github.com/krisacuna/CS302-SPELL-CHECKER)(C++)– Data Structures & Algorithms Project

* Created a Spell Checker program leveraging a dictionary .txt file containing over 50,000 predefined English words, with efficient data structures like Vectors and Hash Maps at its core.
* Demonstrated the efficiency of each data structure by conducting comprehensive runtime analysis of each structure.

[**BOSCH Future Mobility Challenge**](https://boschfuturemobility.com/category/news/bfmc2022/)(Python)October 2021 - May 2022

*Team Member*

* Collaborated with 2 master’s and 2 Ph.D. students to compete in an international competition focused on constructing a 1:10 scale autonomous vehicle (AV), which culminated in making it to the quarterfinals held in Cluj, Romania
* Spearheaded the compilation of a custom dataset, consisting of over 4.5k images and more than 14.5k bounding box annotations across various classes.



## **WORK EXPERIENCE**

## **Construction Estimator** | Interior Logic Group February 2022 – Present

* Proficiently utilized CAD Software, Design2020, to lead end-to-end process of designing, estimating costs, bidding, and drafting architectural plans for residential communities in Nevada, encompassing both Reno & Las Vegas.
* Leveraged 3D rendering techniques to create and estimate home layout designs to present to renowned home builders like Toll Brothers, Tri-Pointe, Blue Heron, etc.

## **Inventory Manager** | Feature May 2020 – February 2022

* Analyzed product levels to mitigate shortages and inventory problems to meet sales numbers & goals using Deposco, a fulfillment supply chain software.
* Fostered relationships with teams across more than four physical store locations to achieve an unprecedented stock level accuracy exceeding 95% by implementing custom filtering adjustments.



**EXTRACURRICULARS**

* **Layer Zero:** Participating in National Cyber League CTF competition for UNLV’s Cybersecurity organization.
* **SASE (Society of Asian Scientists and Engineers):** Attended workshops and networking events.