

# Kristopher Acuna

Las Vegas, NV

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## EDUCATION

**University of Nevada, Las Vegas (College of Engineering)**

*Bachelor of Arts in Computer Science, Emphasis in English*

Expected: May of 2024

GPA: 3.31

**Southeast Career Technical Academy (SECTA)**

*Magnet Program: Internetworking Technology Major*

May 2018

*Las Vegas, NV*

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## 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

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## PROJECTS

**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 (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 (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.

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## 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.

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## 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.