Kristopher Acuna

Las Vegas, NV

(702) 913-5953 | acunak2@unlv.nevada.edu | krisacuna.com

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 (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.

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.