

# Christopher Urbano

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## SUMMARY OF QUALIFICATIONS

- Programming Languages: Python, Java, Javascript, HTML5, CSS, C++
- Fluent Operating Systems: Windows, Linux, Mac OS X.
- Knowledge of data structures, sorting data, API, computing systems, computing ethics, software development, front end web development, React, GitHub, Scrum, and Zenhub.
- Developed leadership and communitive skills as VP of Recruitment

## EDUCATION

**Bachelor of Science in Computer Science(Software Engineering), Minor in Music Buisness** Expected May 2025

Colorado State University, Fort Collins, Colorado

GPA: 3.0

## EXPERIENCE

### Digital Marketing Intern

Z2 Entertainment(Aggie Theatre)

October 2022 - Present

- Gained valuable skills in social media management, content creation, email marketing, SEO/SEM, analytics, event promotion, graphic design, and effective communication.

## RELEVANT COURSE WORK

### CS165 - Data Structures

- Gained useful skills involving various data structures, such as arrays, linked lists, stacks, queues, trees, and graphs. You can now effectively choose and implement the right data structure for specific problem-solving scenarios.
- Honed my problem-solving abilities by exposing me programming challenges such as implementing B Trees, B+ Trees, Stacks, Arrays, Linked Lists, Queues, BSTs and Hash Tables. This requires creative thinking and the application of data structures and algorithms.
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### CS280A1 - Computing Systems

- Completed an advanced computer science course covering computer systems fundamentals, including CPU design, memory hierarchy, networking protocols, and storage systems. Developed expertise in Boolean logic, machine language, and data encoding. Acquired knowledge of scalable computing frameworks and emerging technologies like neuromorphic computing. This foundational understanding enhances my ability to design efficient software applications and stay current with evolving technological trends in the field.

### CT301 - Programming with C++

- Successfully completed CT 301, an immersive course introducing the modern C++ programming language. Acquired a strong foundation in C++ fundamentals, enabling the development of code from scratch and the proficient maintenance of existing codebases. This comprehensive skill set enhances my ability to contribute to software development projects and efficiently work with C++ programming environments.

(resume continues)

### **CS214 - Software Development**

- Software Development, where I honed skills in designing and improving large-scale software systems while leveraging contemporary software engineering tools and project management techniques. This course equipped me to decompose project requirements into modular designs, implement and debug programs iteratively, ensure program correctness through testing, analyze system efficiency, and write clean code following the principles of minimizing code smells and duplication. Additionally, I gained proficiency in version control and effective project planning and monitoring. Course materials and assignments were managed conveniently through the Canvas platform for seamless learning and evaluation.

### **CS220 - Discrete Structures**

- Discrete Structures, a course that provided a solid mathematical foundation essential for a comprehensive understanding of computer science. Demonstrated the practical application of mathematical concepts in computer science using Python, a widely adopted programming language known for its versatility and ease of use. This experience reinforces my ability to bridge mathematical theory with real-world programming, a valuable skill in the field of computer science.

## **ORGANIZATIONS**

### **Sigma Phi Epsilon Recruitment Chair**

February 2023 - May 2023

Colorado Gamma Chapter

- Demonstrated principles of virtue, diligence, and brotherly love through philanthropy and a commitment to service.