**Zixiang(Nick) Zhou**

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**Professional Objective**

As an ambitious junior Computer Science student, I am passionate about technology and project management. Despite the lack of formal internship experience, I have developed a solid technical foundation and problem-solving skills through university coursework and personal projects. I am keenly interested in roles as a Project Manager or Project Coordinator, hoping to grow my organizational, leadership, and communication skills in a challenging and opportunity-rich environment. Committed to bringing innovative and efficient solutions to a team through practical experience and continuous learning.

**Education**

**Shiley-Marcos School of Engineering, University of San Diego** **San Diego, CA**

B.A. Computer Science Expected May 2025

**Relevant Coursework**

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| * Comp 110 Computational Problem Solving * Comp 120 Program Abstractions and Methods * Comp 280 Intro to Computer Systems * Comp 494 Web Programming * Comp 332 Human Center System | * Comp 230 Advanced Comp Problem Modeling * Comp 351 Introduction to Aritificial Intelligence * MGMT 300 Organizational Behavior * MGMT 307 Human Resource Management |

**Experience**

**Leadership Program San Diego, CA**

Industry Scholars Program Sept 2023 - May 2024

* Program that seeks to support students professional skill building and leadership development during their undergraduate experience, allowing them to evolve as leaders and hone skills that will support their success within their respective fields of engineering and computer science
* Building interview Skills, develop professional leadership skills, and expand networking and industry connection with alumni
* Exposure to a specturm of a engineering industries, provide an easy transition to interships and future employment

**CSSA(Chinese Students&Scholars Association)**                San Diego, CA

Leader of Public Relations Offices Sept 2021 – June 2024

* Starting with member of Public Relation

**Projects**

**Command Interpreter (Shell), Introduction to C Programming Spring 2023**

* Built a command interpreter to read standard input commands capable of running foreground and background commands.
* Implemented a command line parser with invalid Command-Line error check functionality.
* Utilized fork() to create new processes and execv() to execute the program.

**Analog and Digital Clock, Programming Abstractions and Methodologies Fall 2022**

* Lead, designed, and developed a digital and analog clock using the Python’s Tkinter platform and advanced GUI programming strategies in a paired programming environment.
* Implemented the datetime class to extract the current time and used Trigonometry to design the second, minute, and hour hand that updates every second.
* Examined the window and canvas “after” and “after\_cancel” methods of Tkinter.

**Mapping Election Data, Computational Problem-Solving**        **Spring 2022**

* Reviewed and analyzed data from Presidential Election Results 1960-onwards, color coding for Republican, Democrat, and independent majorities county wise.
* Utilized Python’s Turtle Graphics and File Reading to develop a system that gathers, and codes votes from election result files for years and then draws the United States Map by majority party per county and state.
* Used RGB color calculation to showcase the spectrum of the State based on the number of red and blue counties.

**Comp 332 AR project**

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**Comp 305 Coffee Shop System design**

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**Skills**

* **Programming Languages:** Python, C, C++, Java, HTML,
* **Repositories:** GitHub
* **Operating Systems:** Microsoft Windows, Linux
* **Management Skills:** Human Resource Management Skills.