

# HanYu Wu

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## TECHNICAL SKILLS

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**Languages:** Python, Java, C/C++, JavaScript, HTML/CSS

**Developer Tools:** Git, GitHub, VS Code, Vim, IntelliJ

## EDUCATION

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**California Polytechnic State University**

San Luis Obispo, CA

*Bachelor of Science in Computer Science — GPA:3.67/4.0*

*Sep. 2022 – June 2026*

**Relevant Coursework:** Data Structures, Project-Based Object-Oriented Programming and Design, Introduction to Computer Organization, Discrete Structure, Systems Programming, Introduction to Software Engineering, Design and Analysis of Algorithms

## PROJECTS

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**Walkie Talkie** | C/C++

May 2023

- Developed a program for message transportation using TCP between client and server
- Designed and implemented functions to handle the client and server roles, including reading, writing, sending, and receiving messages
- Ensured compatibility with both IPv4 and IPv6 addresses by using appropriate data structures and functions for address resolution

**PixelCraft** | Java, Git

Jan. 2023 – April 2023

- Developed a Minecraft-themed 2-D pixel world that allows user interactions
- Designed and implemented an AStarPathingStrategy to perform A\* search algorithm for pathfinding, enhancing efficiency and accuracy
- Designed and developed interactive UI components, allowing users to control and navigate the virtual world effortlessly
- Contributed to the enhancement of the overall system architecture by identifying and reducing areas of high cohesion, resulting in a more scalable and maintainable codebase

## EXPERIENCE

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**Hack4Impact**

Oct. 2023 – Present

*Software Developer*

*San Luis Obispo, CA*

- Designed and developed a personal website using HTML and CSS
- Demonstrated a commitment to learning and applying web development skills
- Eagerly looking forward to upcoming club activities and opportunities to make a positive impact through technology

**Matcher**

Aug. 2021 – June 2022

*Club Founder/President*

*Alhambra, CA*

- Designed and developed a website dedicated to fostering communication between non-English speaking students and the school community
- Planned and managed club activities, successfully organized and delivered various events
- Organized and conducted daily study sessions throughout each week
- Tutored and mentored numerous students, encompassing a broad spectrum of subjects
- Mentored 100+ club members to enhance their dedication to college and future prospects since its inception

**Hollywood Food Coalition**

June 2021 – Aug. 2021

*Food Storage and Coordination Volunteer Representative*

*Hollywood Blvd, CA*

- Provide comprehensive training to volunteers on their assigned responsibilities
- Organize and prioritize orders to ensure timely and accurate fulfillment
- Maintain inventory accuracy by carefully inspecting incoming and outgoing orders for quality and quantity
- Continuously communicate with the team to optimize efficiency and address any challenges or issues that may arise during the process
- Coordinate with churches and charitable organizations to schedule and deliver food orders according to their specific needs and requirements