

## Wanda Young

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### Education

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

B.A. Computer Science, Minor: Business Administration

Trustee Scholar

**IFSA Butler for Computer Science**

Tech Accelerator Program

**San Diego, CA**

Expected May 2025

**Prague, CZ**

Fall 2023

### Experience

#### **TriLink Biotechnologies**

June 2023 - August 2023

Automation Engineering Intern

- Successfully configured R-220s for integration into the existing SCADA Ignition system. Specifically focusing on custom scripting, tag structure and graphics development
- Implemented FactoryTalk AssetCentre as main engineering backup repository for PLCs and HMIs. Collaborated interdepartmentally to author required documentation according to site computer validation standards. Configured AssetCentre agent to monitor PLCs for unplanned changes
- Executed configuration changes to REES scientific EMS including input configurations, user access levels, department assignments according to site change control procedures via MasterControl
- Communicated timeline goals, led discussions, utilized Asana as a project management tool

#### **USD ITS Help Desk**

Student Technician

September 2022 - Current

- Conducting remote desktop support with clients to mitigate risks and issues regarding malware removal, VPN accessibility, network connectivity, software updates and create tickets utilizing Salesforce, configure NTFS permissions
- Troubleshooting VPN and web browser support, WLAN and LAN setup, Applications and computer hardware troubleshooting and configure NTFS permissions, Windows Server Manager
- Use Active Directory for managing privileges and accessibility for Windows and MAC users

#### **Kumon Solana Beach**

Seasonal 2019 - 2022

- Overseeing PreK-12 students in math and reading comprehension classwork and homework
- Engaged students in problem solving, critical thinking, guidance in practice
- Taught grammar, math formulas, vocabulary and individualized instruction to achieve learning goals

#### **UCSD Public Health Intern**

March - August 2021

- Helped implement action plan to gather data and encourage civic involvement
- Created photovoice project website to increase public awareness of project in national initiative towards empowering disadvantaged groups (Healthy Chula Vista)
- Participated in lobbying events by preparing personal statements and presenting to lawmakers and government officials and met with representatives for CA4LessSoda program and other local figures regarding dietary policies

### Projects

Classification of Music

- Utilizing Jupyter Notebooks, categorized songs using regression and classification methods. Used machine learning models through NLP processing to categorize lyrics and analyze numerical data. Optimized results using hyperparameter tuning and TDIF considerations as well as addressed computational constraints and data bias.

Virtual Machine

Summer 2021

- Using C, simulated a virtual memory with a Translation Lookaside Buffer (TLB) for streamlined virtual-to-physical memory translation. Executed DRAM operations for reading and writing 4-byte memory words and overseeing DRAM cache lines.

### Skills

- Buchi OpenInterface, REES, Ignition, MasterControl, Python, Java, C, Microsoft Windows, iOS, Linux, IntelliJ, VSCode, Github, Git