

CHRISTINA MARANGOPOULOS

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EDUCATION

B.S. Computer Science — California State University, Long Beach

Expected May 2028

GPA: 3.1 | Coursework: Data Structures & Algorithms, Computer Systems & Assembly, Discrete Math, Digital Logic Design

EXPERIENCE

Computer Science Tutor — Cypress College, Cypress, CA

2022 – 2025

- Taught Python, created hands-on debugging exercises, and provided one-on-one project support
- Designed labs that increased assignment completion by 30%

Server — Ouzo & Feta, Huntington Beach, CA

2023 – 2024

- Managed ten tables per shift and trained new staff on POS systems and team communication

PROJECT

Automated Sensor System Prototype

2024

- Four-person team project integrating temperature, humidity, and light sensors with a Python-based Raspberry Pi data acquisition system
- Wrote hardware interface code to poll sensors and log time-stamped readings
- Used MATLAB to validate accuracy and correct calibration drift
- Documented the architecture and presented results to faculty reviewers

TECHNICAL SKILLS

Programming: Python, C/C++, MATLAB, Git, Linux CLI

Hardware: Raspberry Pi, Digital logic, Circuit fundamentals, Oscilloscopes, Multimeters

Networks: Routing & switching, IPv4/IPv6, Firewalls & IDS/IPS, Cloud & virtualization

Collaboration: Agile/Scrum, Documentation, Troubleshooting, Cross-functional teamwork

CERTIFICATIONS & ACTIVITIES

Google IT Support Certificate — in progress

Google Project Management Certificate — in progress

Women in Engineering, Member — 2024–present

Authorized to work in the U.S. · Clearance eligible