

— Alexander Waz

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EDUCATION

University of California, Los Angeles

Computer Science, B.S. 2014 - present

Lower Division Courses:

Introduction to Programming I/II

Computer Architecture

Software Construction Lab

Logic Design of Digital Systems

Upper Division Courses:

Operating System Principles

Database Systems (IP)

Augmented Reality Game Design (IP)

EXPERIENCE

UCLA Design | Media Arts Lab

September 2014 - present

Consultant, Computer Lab Management

Aids students with technical difficulties, project fabrication, and large-scale prints

Works on scripting and various computer imaging tasks, Bash

Manages server and user accounts, MySQL and PHP

Does various IT and troubleshooting work, as well as hardware configuration

UCLA Unmanned Aerial Systems

October 2014 - present

AI Technician

Collaborates as a team working towards annual competition

Works on creating an autonomous plane capable of auto-pilot and target recognition, using an Arduino and a Raspberry Pi

Creates visual processing software using Python and the OpenCV module

Collaborates as a team working towards annual competition

9 Dots Community Learning Center

September 2015 - present

Volunteer Tutor

Works with primary school students from underserved communities

Helps elementary and middle school students with classwork

Creates a safe space for kids where learning and creativity are valued

Teaches students coding and programming, as well as an intro to robotics

Introduces children to STEM fields and higher educational options

Team Green on the Hill

October 2014 - present

Community Representative

Advocates for sustainable practices in the university and residential communities

Finds creative ways to educate residents on issues and topics

Rallies to reduce hill-wide footprint, in areas like waste, energy, and dining

Received "Of the Month" award (12/2014) for dedication to sustainability