

# ALEXANDER WAZ

<http://alexwaz.com>  
[alexmwaz@ucla.edu](mailto:alexmwaz@ucla.edu)  
951-741-8059

## EXPERIENCE

### **UCLA Unmanned Aerial Systems**

**October 2014 - present**

AI Lead and Software Developer

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 the OpenCV module and our own implementations

Also deals with network and signal communication between plane and groundstation for in-flight communication

Leads and organizes the team, setting and working toward goals

### **9 Dots Community Learning Center**

**September 2015 - present**

Volunteer Tutor

Works with primary school students from underserved communities

Introduces children to STEM fields and higher educational options

Teaches students coding and programming, as well as an introductory course to robotics

Structures lesson plans to ensure fun and effective learning

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

### **UCLA Design | Media Arts Lab**

**September 2014 - present**

Consultant and Computer Lab Management

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

Works on scripting and various computer imaging tasks

Manages server and user accounts

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

## 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)