ALEXANDER WAZ

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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 Computer Programming I/II
Introduction to Computer Architecture and Organization
Software Construction Laboratory
Logic Design of Digital Systems

Upper Division Courses:
Operating System Principles
Database Systems (IP)
Special Topics: Augmented Reality Game Design (IP)