



John Louis Cardenas

- Education :** Computer Engineer Major (B.S)
- School:** University of California Irvine
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Links : [Linkedin](#) (Click Here) [@angelenoskateshop](#) (Click Here) [Github](#) (Download Resume)

About Me

I'm very passionate about software and their applications such as flight computers for drones and micro-processors for robotics and systems. I am very determined and extremely hard-working as I've been a H.V.A.C Mechanic and company/store owner.

Technical Skills

(2 Years of Experience)

- Raspberry-pi (Linux), Arduino, Teensy Applications.

(2 Years of Experience)

- Robotics, Flying-Drones, Motors, Sensors.

(4 Years of Experience)

- Python, C++, Java, Scikit-learn, TensorFlow.

(2 Years of Experience)

- Flutter and Dart, iOS and Android.

(3 Years of Experience)

- Circuits, Micro-Processors, Controls, User-Interfaces.

(5 Years of Experience)

- Heating/Cooling Systems, Gasses/Pressures, Circuit Boards, Thermostat and Temperature Control Programming, H.V.A.C.

(2 Years of Experience)

- CAD, On-Shape, Nx-Siemens, Eagle PCB Design, Good Soldering Skills.

Project Experience

Raspberry-pi Rover (STEM-COHORT Project)

Raspberry-pi 4-wheel rover as a project presentation for my engineering scholarship. Self built-in coded Server, GUI interface, four dimension rotational camera.

Raspberry-pi and Arduino Quadcopter

MPU-6050, BMP-280,(GPS - NEO-6M) using Raspberry-Pi and Arduino, 4-motor Quad-Copter.

My Experience

S-STEM PROGRAM (U.C Irvine) (2020 - Present)

- Python Development, Machine-Learning and Programming Robotics (Drones), mechanical CAD,On-Shape, Nx-Siemens.
- Tutoring members in building robotic machines with various methods of engineering fields.

H.V.A.C Mechanic (2013 - 2018)

Company Name: THRIFTY HEATING AND AIR CONDITION

- Worked with thermo-systems, electrical systems, equipment. Practiced strict work routine and customer satisfaction.
- Installed/repaired/monitored circuit boards, fuses, capacitors, motors. Very comfortable with various electronic components and systems.
- Very familiar with physically demanding work.

Retail-Store Owner (2016 - Present)

- Angeleno Skate Shop (Company/Store) [@angelenoskateshop](#).
- Well practiced in work ethic and management, communication, start-up company, I have many sponsorships with brands.

Education

University of California Irvine
Irvine, CA 92697, (2020 - Present)
(Graduate of 2022)

Los Angeles Trade Technical College
- LATTC, 400 W Washington Blvd,
Los Angeles, CA 90015 (2017-2019)