

# RANDY RUBIN

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(530) 416-2446 | randymrubin@gmail.com | randyrubin.name

Interested in robotics, automation and embedded system development. Previous experience with motor and sensor integration, prototype fabrication, and manufacturing support. Detail oriented. Hands on. Can hit the ground running independently or as a cross-functional team member.

## EXPERIENCE

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ELECTRICAL ENGINEER, HAAS AUTOMATION, Oxnard, CA

*March 2019 – Current*

ENGINEERING TECHNICIAN, BLUE MICROPHONE, Westlake Village, CA

*May 2014 – January 2016 (Contract, Academic Breaks)*

ENGINEERING TECHNICIAN, SONOS, Santa Barbara, CA

*August 2012 – December 2013*

ENGINEERING TECHNICIAN, LINE 6, Calabasas, CA

*March 2010 – August 2012*

ENGINEERING TECHNICIAN, STANTON GROUP (KRK SYSTEMS, CERWIN-VEGA), Chatsworth, CA

*September 2008 – January 2010*

## EDUCATION

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BS MECHATRONIC ENGINEERING, MINOR COMPUTER ENGINEERING, 2018

*California State University, Chico*

AS ELECTRONICS, 2007

AS CNC PROGRAMMING, 2007

*Los Angeles Pierce College, Woodland Hills*

## ENGINEERING SOFTWARE, PROGRAMMING

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PCB and Electronics Simulation: Altium, Eagle, LTSpice, PSpice

CAD/CAM: Solidworks, AutoCAD, MasterCAM, Fusion 360

Languages: Python, C++, Embedded C, ASM (STM32 ARM Cortex M, AVR, 8051), Visual Basic

## R&D SKILLS

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Fabrication of electronic and mechanical prototypes.

Integration of sensors, motors, and actuators.

Design, modification, troubleshooting and repair of analog and digital circuits.

PCBA design, assembly, and rework, including fine pitch SMD.

Evaluation of contract manufacturer engineering samples.

Documentation of assembly and test procedures.

Automation of test equipment.