

Nolan Moore

Electronics Designer

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Henderson, NV 89012

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nolandoesdev.com

Experience

Dronesmith Technologies / Lead Electrical Design Engineer

MAY 2014 - PRESENT, HENDERSON, NV

Managed development and production of electronics for UAV systems and collaborated with mechanical and software engineers in product design.

Designed schematics and layout for flight controllers, motor controllers, power supplies and other supporting systems.

Troubleshooted builds and contributed to RTOS firmware development.

Authored and maintained documentation for Dronesmith products.

UNLV Senior Design Project / Electrical Engineer

AUGUST 2012 - MAY 2013, LAS VEGAS, NV

Collaborated with an interdisciplinary team of engineers to design a motion simulating exercise bike for virtual bicycle simulations.

Designed and prototyped all electronics and firmware for the project.

Skills

Hardware Design

ECAD: Autodesk EAGLE, KiCad, DipTrace

Testing: Multimeters, oscilloscopes, logic analyzers

Platforms: Arduino, Raspberry Pi, CHIP, Beaglebone Black, Intel Edison

Web Development

HTML5, CSS3, Javascript/ES6, AngularJS, NodeJS, NPM, Express, MongoDB, PHP, MySQL, Heroku

Programming

C/C++, Python, PIP, Java, Git

Certifications

CompTIA Network++

Education

University of Nevada, Las Vegas / B.S. Computer Engineering

AUGUST 2008 - DECEMBER 2013, LAS VEGAS, NV

Minored in both Computer Science and Technology Commercialization