



Clint Hanks

ELECTRICAL ENGINEER

Details

1515 Pacific Ave, Los Angeles, CA
90291, United States
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NATIONALITY

American

DRIVING LICENSE

Full

PLACE OF BIRTH

San Antonio

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Skills

Schematics

Signal Processors

Mega Power Transmitters

High Voltage Circuits

ANSYS Maxwell

Raspberry Pi

Electric motors / generators

Electrical measurements

Python

C / C++ / C#

SCADA

Project management skills

Prototyping and testing

Industry 4.0

Automation

Programming skills and languages

Electrical / PCB design software

National Electric Code (NEC)

IoT

Profile

Energetic Electrical Engineer with nine years of experience in the production design of microprocessors for global navigation systems in the Aerospace Industry. Experience with Eagle, PADS and ORCAD, PADS, and Eagle. Involved in the design of 200+ specialized PCBs in the last 18 months. Holds a Ph.D. in Signal Process Electronics.

Employment History

Electrical Engineer, Manow Industries, Jackson

JANUARY 2018 – JULY 2020

Overhauled machine arrangements across various departments to improve efficiency by 38% in 30 days

- Design, maintain and improve electrical systems, components, facilities and instruments for domestic, commercial or industrial purposes
- Use computer-assisted design and various engineering software and equipment to perform engineering duties
- Discuss project scope, progress, and challenges with Engineering Manager
- Ensure the installation and operating mechanics of circuitry and electrical components conform to client specification
- Prepare technical spec lists and schematics for PCB boards, circuitry and high voltage systems electrical systems specifications, technical drawings or topographical maps
- Establish installation and maintenance standards by performing complex calculations
- Ensure compliance with industry codes and regulations by directing and coordinating the installation, manufacturing, maintenance, troubleshooting, testing and repair of electrical systems or components
- Write reports and compile data sets regarding current and future engineering projects and research studies

Electrical Engineer, RTA Electrical Components, Winterhude

JANUARY 2016 – DECEMBER 2017

Spearheaded the Lean Manufacturing Kanban philosophy which had positive effects on quality, cost and time levels by decreasing expenditures by 28%, improved quality by 18% and cut lead times by 34%

- Prepare specifications of procurement of electrical materials and equipment
- Supervise junior staff members and contract workers
- Create estimation reports for material, labor and construction costs and present as part of budget preparations
- Develop, review, update, modify and approve works schedules and relevant electrical schematics and design plans
- Continuously liaise with other engineers and clients to ensure deliverables are met
- Liaise with third-party vendors and suppliers to ensure material delivery deadlines are met

Electrical Engineer in Training, Maquin Power Generation, Austin

JANUARY 2013 – JUNE 2016

Designed 300 unique PCB's over the course of 24 months

- Maintain, tweak and improve current electrical engineering operations and facility processes
- Draw up schedules, budgets, company regulations and relevant policies regarding safety and compliance