

# CLINT HANKS

Electrical Engineer

## INFO

### ADDRESS

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

### PHONE

(541) 754-3010

### EMAIL

email@email.com

### PLACE OF BIRTH

San Antonio

### DRIVING LICENSE

Full

### NATIONALITY

American

## LINKS

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[resumeviking.com/templates/](https://resumeviking.com/templates/)

## SKILLS

Schematics

Signal Processors

Mega Power Transmitters

High Voltage Circuits

ANSYS Maxwell

## 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

Jan 2018 — Jul 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

Jan 2016 — Dec 2017

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  
NFPA 70  
P Spice / LT Spice  
ORCAD  
PLC  
JavaScript  
Technical Drawing  
Bluebeam Revu  
Electrical simulation software  
Robotics  
Transistors, Actuators  
Electrical Estimation  
Mathematical Modelling  
Instrumentation

## LANGUAGES

English



Spanish



*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

Jan 2013 — Jun 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
- Continuously analyze processes to discover room for improvement in operation efficiencies
- Conduct research, perform diagnostics and troubleshoot equipment and machinery

## EDUCATION

### Professional Engineering (PE) Exam, National Council of Examiners for Engineering and Surveying (NCEES)

Indian Trail

Jul 2020 — Jul 2020

### Institute of Electrical and Electronics Engineers, Online, IEEE Membership

Online

Jan 2019 — Jul 2020

### Doctor of Philosophy in Electrical Engineering, University of North Carolina

Charlotte

Jan 2016 — Jul 2018

Thesis Topic: Micro-electro and Electrical systems design and design optimization in Class I Medical Device applications

### Bachelor of Science in Robotics & Control Systems, Seattle Pacific University

Seattle

Jan 2012 — Dec 2015

Italian

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## HOBBIES

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Triathlons, Cycling, Art

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## COURSES

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**Certificate in Electrical Estimation,  
Westwood College, Los Angeles**

Jan 2011 — Apr 2011

**Associate Systems Engineering  
Professional, International Council on  
Systems Engineering, Online**

Jan 2010 — Apr 2009