

WILLIAM HANSON

Engineering Technician

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

(541) 754-3010

email@email.com

Place of birth *San Antonio* Nationality *American*
Driving license *Full*

LINKS

[Facebook](#), [LinkedIn](#)

PROFILE

Meticulous Engineering Technician with proven experience in electrical system wiring and installations for industrial commissioning projects. Adept in system upgrades and redesigning complex circuitry for power plans and alternative energy storage farms. Completed an Associate Degree in Engineering Technology and holds a Certified Engineering Technician (CET) accreditation.

EXPERIENCE

❖ **Engineering Technician, Ediolux Engineering Consultants** Jan 2018 – Present
Bonnievale

Implement mechanical verification and reliability test protocols for 60 prototypes in the last ten months.

- Validate drawing designs for tools and machinery by checking dimensions and comparing to original specifications
- Create a process flow with step by step guidelines for product assembly
- Conduct and record testing procedures per production specifications
- Responsible for quality audits and control measures of all production lines in the facility

❖ **Maintenance Engineering Technician, Murray & Johnson** Jan 2016 – Dec 2018
Indeanapolis

Boosted production efficiency by 35% following the redesign of machine and equipment electrical maintenance scheduling.

- Develop prototypes for electrical and electronic circuitry
- Build, calibrate, and repair testing equipment and calibration instruments
- Troubleshoot electrical system design faults and create solutions
- Install, maintain and fix electrical systems, PCB boards, and electronic components

❖ **Engineering Technician (Industrial), Irridium Management Consultants** Jan 2015 – Dec 2015
Kirksville

Incorporated Kaizen methodology into facility management practices which resulted in safety scores improving by 18% without adding any additional worker resources.

- Responsible for process improvement and business continuity strategies
- Implemented Kanban principles to solve inventory issues and improve cash flow resources
- Design production layout schematics to enhance the flow of fabrication
- Embark on cycle item studies and comparative analysis against TAKT time frames to improve line balancing and production output

EDUCATION

- ❖ **Kaplan University** Jan 2014 – Dec 2016
Bachelor of Science in Engineering Technology Orlando

Major Subjects: Engineering Analysis, Circuitry, Linear Networks

GPA Score: 3.8

- ❖ **National Institute for Certification in Engineering Technologies (NICET)** Jan 2016 – Jun 2016
Certified Engineering Technician (CET) Alexandria
- ❖ **American Society of Quality** Jun 2012 – Dec 2012
Certification in Six Sigma Green Belt Online

SKILLS

Statistical Design	<i>Skillful</i>	Process Analysis	<i>Skillful</i>
Business Process Improvement	<i>Skillful</i>	Preventative Maintenance	<i>Skillful</i>
Circuitry	<i>Skillful</i>	Data Assimilation	<i>Skillful</i>
Electrical Inspections and Repair	<i>Skillful</i>	Monitoring	<i>Skillful</i>
Report Writing	<i>Skillful</i>	Solid Works	<i>Skillful</i>
AutoCAD	<i>Skillful</i>	Autodesk Revit	<i>Skillful</i>
OHSA Mandates	<i>Skillful</i>	Prototype Development	<i>Skillful</i>
Coding Firmware	<i>Skillful</i>	Lean Manufacturing	<i>Skillful</i>
Lean Six Sigma	<i>Skillful</i>	Kanban	<i>Skillful</i>
SQL	<i>Skillful</i>	Root Cause Analysis	<i>Skillful</i>
ERP Systems	<i>Skillful</i>	Split Testing Methods	<i>Skillful</i>
Process Flow	<i>Skillful</i>	Schematics	<i>Skillful</i>

INTERNSHIPS

- ❖ **Civil Technician Trainee, Habitat for Humanity** Jan 2014 – Jun 2014
Six-month internship abroad. Nairobi, Kenya

- Supervise CAD Draftsman for multiple design projects from draft schematics to final drawing proposals
- Write infrastructure safety reports by analyzing mechanical and electrical blueprints
- Approve statements of work from all site managers
- Design specifications and protocols for construction projects including estimation reports and monitoring processes to execute appropriate quality control

COURSES

- ❖ **Construction Safety for Civil Engineering Technicians Course** Jun 2019 – Jun 2019
Northcentral University, Scottsdale AZ