

William Hanson, Engineering Technician

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Place of birth	San Antonio	Driving license	Full
Nationality	American		

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.

EMPLOYMENT HISTORY

Jan 2018 – Present	Engineering Technician, Ediolux Engineering Consultants	Bonnievale
	<i>Implement mechanical verification and reliability test protocols for 60 prototypes in the last ten months.</i>	
	<ul style="list-style-type: none">• 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	
Jan 2016 – Dec 2018	Maintenance Engineering Technician, Murray & Johnson	Indeanapolis
	<i>Boosted production efficiency by 35% following the redesign of machine and equipment electrical maintenance scheduling.</i>	
	<ul style="list-style-type: none">• 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	
Jan 2015 – Dec 2015	Engineering Technician (Industrial), Irridium Management Consultants	Kirksville
	<i>Incorporated Kaizen methodology into facility management practices which resulted in safety scores improving by 18% without adding any additional worker resources.</i>	
	<ul style="list-style-type: none">• 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

Jan 2014 – Dec 2016	Kaplan University, Bachelor of Science in Engineering Technology	Orlando
	Major Subjects: Engineering Analysis, Circuitry, Linear Networks	
	GPA Score: 3.8	

Jan 2016 – Jun 2016 **National Institute for Certification in Engineering Technologies (NICET), Certified Engineering Technician (CET)** Alexandria

Jun 2012 – Dec 2012 **American Society of Quality, Certification in Six Sigma Green Belt** Online

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

INTERNSHIPS

Jan 2014 – Jun 2014 **Civil Technician Trainee, Habitat for Humanity** Nairobi, Kenya

Six-month internship abroad.

- 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

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