Joseph McLeod

Electrical Engineer (EIT Certified)

1442 Anyname St, Nashville, TN 37993

+1 (654) 258-79313

joseph.k.mcleod@gmail.com

linkedin.com/in/Joey.McLeod

twitter.com/josephmcleod

Experienced Electrical Engineer with 5+ years in workforce allocation and electric layout optimization, resulting in 10% increased workflows and 18% increased efficiency. Seeking to leverage project management skills and experience towards a leadership role at Estavez Parks.

Experience

2013-02 - present

Electrical Engineer

Bystronic

- Planned, designed, and developed tools, engines, and electrical equipment - resulting in 18% increase in efficiency.
- Met with clients to oversee installation, operation, and maintenance of equipment for all local plants.
- Worked with planning and design teams to drive product development and review tooling specifications.
- Developed CAN and LIN drivers and communication protocols.

2009-01 - 2012-12

Assistant MPE Engineer

Michigan Parks

- Performed condition assessments of electric systems service of Michigan Parks' physical assets, including plumbing, HVAC, electrical and other systems, in accordance with inspection protocols, state and local regulations.
- Analyzed inspection data to identify trends and monitor the effectiveness of Michigan Parks' efforts to proactively maintain its assets in a steady state of good repair.
- Engaged in document research, investigations, studies, examinations and testing as they related to the functions or activities of the Capital Needs Assessment Team.

Education

2006-09 - 2008-06

University of Michigan, MEng. in Electrical Engineeering

- Graduated Magna Cum Laude

2002-09 - 2006-06

University of Michigan, B.E. in Electrical Engineering

Skills

- 3D CAD MODELING SOFTWARE — Expert
- LINUX — Advanced
- C++ — Advanced
- REVERSE ENGINEERING — Intermediate

Languages

- SPANISH — Intermediate

Conferences

2018-04

EPECS - 5th International Conference on Electric Power and Energy Conversion Systems

2016-07

The American Society of Electrical Engineers