

# Julien Mourey

## Mechanical Engineer

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Experienced Mechanical Engineer with 5+ years in workforce allocation and equipment 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 - **Mechanical Engineer**  
present *Bystronic*
  - Planned, designed, and developed tools, engines, and mechanical equipment - resulting in 18% increase in efficiency.
  - Met with clients to oversee installation, operation, and maintenance of equipment for all local plants.
  - Planned workforce use, space requirements, and equipment layouts to optimize workflows. 10% increased workflow in year one.
  - Developed CAN and LIN drivers and communication protocols.
- ◆ 2009-01 - **Assistant Mechanical Engineer**  
2012-12 *Michigan Parks*
  - Performed condition assessments of mechanical systems service of Michigan Parks' physical assets, including plumbing, HVAC, electrical and other mechanical systems, in accordance with inspection protocols, state and local regulations and agency guidelines.
  - Conducted field inspections to identify defects at system and component level. Recommend potential interventions to improve overall asset condition and meet benchmark performance requirements. Prepared detailed reports to support condition assessment findings and certify inspection results against applicable building codes.
  - Maintained inspection data for use with Parks' asset management software systems.
  - 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 - **University of Michigan, MEng. in Mechanical Engineering**  
2008-06
  - Graduated Magna Cum Laude
  - GPA of 3.6
- ◆ 2002-09 - **University of Michigan, B.E. in Mechanical Engineering**  
2006-06
  - GPA 3.5



## SKILLS

- ◆ 3D CAD MODELING SOFTWARE
- ◆ COMPUTER-AIDED DESIGN (CAD)
- ◆ PROJECT MANAGEMENT
- ◆ COMMUNICATION SKILLS
- ◆ REVERSE ENGINEERING
- ◆ MAINTENANCE COORDINATION



## LANGUAGES

- ◆ SPANISH
- ◆ GERMAN



## CONFERENCES

- ◆ 2016-07 The American Society of Mechanical Engineers
- ◆ 2014-11 Product Life-Cycle Management - Stanford University