

NAME

TITLE
000-000-0000 / EMAIL / CITY, STATE, ZIP

Profile

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Experience

Mechanical Engineer- Company / Location

May 2019 – Present

- Created and implemented technical blueprints and plans for machinery systems, including state-of-the-art industrial-capacity cooling systems that raised output by 5 percent.
- Researched and applied minimization strategies for bottlenecks and workstations, up-to-date led to an overall increase in production efficiency by 15 percent.
- Conducted initial and ongoing design and operation reviews for 100 percent of the team's projects, with a current acceptance rate of 92 percent by leadership.
- Developed a tracking program to monitor deficiencies in processes, and generate solutions for enhancement that led to a 45-percent reduction in process deficiencies.
- Performed critical analysis and provided documentation giving recommendations for reforming errors, with a current recommendation adoption rate of 97 percent.

Junior Mechanical Engineer - Company / Location

December 2016 – April 2019

- Collaborated in planning labor use and equipment layouts to streamline workflow, and successfully achieved an 8-percent boost in production capacity within 1 year.
- Collected data about new materials, equipment, and production techniques to write and distribute 2 reports per year to the engineering department.
- Designed, assembled, and tested high-quality mechanical equipment and tools.
- Met with clients to provide environmental impact inspections/assessments, and coordinated with clients to supervise the installation/maintenance of equipment.
- Applied sharp attention to detail and focused care to production processes, consistently maintained an error rate of below 3 percent.

Project Experience

- Developed scope of work for 5+ projects, each one including a goal and budgetary numbers, and have an ongoing record of obtaining 100 percent goal attainment within funding limits.
- Prepared project scope contracts and equipment acquisition contracts, and presented them to appropriate vendors.
- Worked with teams of 10+ engineers to design, construct, and install machinery across multiple industry sectors, 3-time winner of the Team Engineer of The Year Award.

Education

Bachelor's Degree in Mechanical Engineering -

University of Illinois Urbana-Champaign

2016

- GPA: LIST
- AWARD
- AWARD

DEPARTMENT - SCHOOL

May 2009

- GPA: LIST
- AWARD
- AWARD

Skills

Expertise

- AutoCAD
- Equipment Design & Fabrication
- The MathWorks MATLAB
- Complex Problem-Solving
- Project Management

Licenses & Accreditations

Licenses Licenses & Accreditations

- Certified Associate in Project Management (CAPM)
- Licensed Engineer-In-Training (EIT)
- Solid Works
- AutoCAD