



James Johnson

A detail-oriented mechanical engineering manager with 11 years of experience in designing and managing mechanical systems for both consumer products and industrial applications. Proven expertise in managing teams, improving product designs, and reducing operational costs.

CONTACT

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-  Chicago, IL

EDUCATION

Master of Science (M.S.) Mechanical Engineering in Civil Engineering
University of Illinois, Urbana-Champaign, IL May 2012

Bachelor of Science (B.S.) Mechanical Engineering
Purdue University, West Lafayette, IN May 2010

PROFESSIONAL EXPERIENCE

Mechanical Engineering Manager | June 2017 - Present

TurboTech Engineering, Chicago, IL

- Lead a team of 15 engineers in the design and manufacturing of high-performance turbochargers, improving engine efficiency by 20%
- Implemented design modifications that reduced production costs by 10% while improving product reliability by 18%
- Managed the project lifecycle from concept to production, ensuring the timely launch of products within budget

Senior Mechanical Engineer | August 2012 - June 2017

Precision Engineering Solutions, Chicago, IL

- Designed and tested mechanical systems for industrial clients, improving system reliability and reducing maintenance costs by 15%
- Collaborated with cross-functional teams to ensure product designs met client specifications and adhered to safety standards
- Conducted extensive testing and analysis of mechanical components, resulting in a 12% improvement in product durability

CERTIFICATIONS

- Professional Engineer (PE) License, May 2014
- Six Sigma Green Belt, June 2015