



MECHANICAL ENGINEER

by Resume Genius

SUMMARY

Skilled Mechanical Engineer with 4+ years of experience designing and maintaining tools, industrial processing systems, and equipment. At current company, increased production by 14% by minimizing bottlenecks, and increased industrial output by 4% through the planning and execution of technical drawings and blueprints. Seeking to leverage my expertise to join Tack Inc. as a Lead Mechanical Engineer.

PROFESSIONAL EXPERIENCE

Mechanical Engineer

StayFresh Technologies, Rochester, NY

May 2020–Present

- Planned and executed blueprints and technical drawings for state-of-the-art high-capacity cooling systems, increasing industrial output by 4%
- Work with a team of 12 to design, build, and install a wide range of cooling equipment for use in industrial food preservation systems
- Increased overall production efficiency by 14% through minimization of bottlenecks
- Coordinate between design and production teams to ensure our end product meets a reliably high level of quality
- Enforce strict adherence to OSHA safety guidelines

Associate Mechanical Engineer

BEA Industries, Utica, NY

Aug 2017–Apr 2020

- Researched new materials and production techniques, writing and distributing 2 reports annually to the engineering team
- Helped plan workforce use and equipment layouts to optimize workflow, leading to a 6% increase in production capacity over 1 year
- Met and coordinated with clients to oversee equipment installation and maintenance
- Maintained a production error rate consistently below 3% through precise attention to detail and expert care

CONTACT

Phone

(585) 216-1224

Email

your.email@gmail.com

LinkedIn

linkedin.com/in/yourname/

EDUCATION

Syracuse University,

Syracuse, NY | May 2017

BS in Mechanical Engineering

Honors: cum laude (GPA: 3.6/4.0)

RELEVANT SKILLS

The MathWorks MATLAB

Adobe Fireworks

AutoCAD

Trimble SketchUP Pro

Microsoft Office

Microsoft Visual Basic

Google Workspace

Slack

Fluent in Spanish

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R Pring



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Mechanical Engineer's Reference Book A. Parrish, 2014-05-19 Mechanical Engineer's Reference Book 11th Edition presents a comprehensive examination of the use of the International System of Units (SI) metrication. It discusses the effectiveness of such a system when used in the field of engineering. It addresses the basic concepts involved in thermodynamics and heat transfer. Some of the topics covered in the book are the metallurgy of iron and steel, screw threads and fasteners, hole basis and shaft basis fits, an introduction to geometrical tolerancing, mechanical working of steel, high strength alloy steels, advantages of making components as castings, and basic theories of material properties. The definitions and classifications of refractories are fully covered. An in-depth account of the mechanical properties of non-ferrous materials is provided. Different fabrication techniques are completely presented. A chapter is devoted to description of tubes for water gas sanitation and heating services. Another section focuses on the accountant's measure of productivity. The book can provide useful information to engineers, metallurgists, students, and researchers.

Mechanical Engineer's Reference Book Edward H. Smith, 2013-09-24 Mechanical Engineer's Reference Book 12th Edition is a 19 chapter text that covers the basic principles of mechanical engineering. The first chapters discuss the principles of mechanical engineering, electrical and electronics, microprocessors, instrumentation, and control. The succeeding chapters deal with the applications of computers and computer integrated engineering systems, the design standards and materials properties and selection. Considerable chapters are devoted to other basic knowledge in mechanical engineering, including solid mechanics, tribology, power units and transmission, fuels and combustion, and alternative energy sources. The remaining chapters explore other engineering fields related to mechanical engineering, including nuclear, offshore and plant engineering. These chapters also cover the topics of manufacturing methods, engineering mathematics, health and safety, and units of measurements. This book will be of great value to mechanical engineers.

Mechanical Engineering, 1919 [A Math-Based Writing System for Engineers](#) Brad Henderson, 2019-09-30 This book presents the generative rules for formal written communication in an engineering context through the lens of mathematics. Aimed at engineering students headed for careers in industry and professionals needing a just in time writing resource, this pragmatic text covers all that engineers need to become successful workplace writers and leaves out all pedagogical piffle they do not. Organized into three levels of skill specific instruction: A Math Based Writing System for Engineers, Sentence Algebra, professionals seeking a thorough left brained treatment of English grammar and go to document structures, and ESL engineers at all levels.

[Advances in Mechanical Engineering and Mechanics III](#) Tarak Bouraoui, Naoufel Ben Moussa, Farhat Zemzemi, Tarek Benameur, Nizar Aifaoui, Amna Znaidi, Slah Mzali, Ridha Ennetta, Fathi Djemal, 2024-09-26 This book offers a selection of original peer reviewed papers presented at the Sixth International Tunisian Congress on Mechanics (COTUME 2023) held on March 17-19, 2023 in Monastir, Tunisia. It covers advances in engineering design, structure modelling, and materials engineering. It also discusses cutting edge topics in

structural dynamics and vibration fluid mechanics and sustainable energy production With a good balance of fundamentals and industrial applications this book offers a useful reference for graduate students researchers and professionals in the field of mechanical industrial production manufacturing and materials engineering Organized by the Tunisian Association of Mechanics ATM COTUME 2023 was also honored by the active participation of the French Association of Mechanics AFM the Moroccan Society for Mechanical Science SMSM and the Algerian Association for Technology Transfer A2T2

List of Subject Headings for Use in Dictionary Catalogs American Library Association,1911 **Strains in Ironwork** Henry Adams,1898 **Lockwood's dictionary of terms used in ... mechanical engineering, ed. by a foreman pattern-maker [J.G. Horner].** Joseph Gregory Horner,1902 **Library of Congress Name Headings with References** Library of Congress,1981 *Proceedings of the Engineers' Club of Philadelphia* ,1927

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