



Eric Feldt - 54

“ Mom used to say that I would spend more time trying to figure out a way to do my chores faster than it would actually take to do them, but when she realized I could get everything done in half the time as my siblings, she was pretty impressed. I remember one Saturday when she asked for some advice to get things done so she could get to a meeting that afternoon. She still talks about that.

In assembly line optimization, I find that type of problem-solving a fun challenge, and the more efficient you make things, the more challenging it gets to continue to improve efficiency. At that point, you're looking for tiny changes that can add up to major cost or time savings. One small adjustment, such as repositioning equipment or combing steps, could make all the difference. It's amazing to see a micro-decision have such a tremendous effect.

”

Occupation:

Industrial Engineer

Salary:

\$96,240

Education:

Bachelor's Degree

Job Description:

Industrial Engineers design, develop, test, and evaluate integrated systems for managing industrial production processes, including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination.*



*Source: This information is based on O*NET™ data. O*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

Job Description:

SOC Code: 17-2112

Top Job Skills:

- Root cause analysis
- Provide technical support
- Statistical analysis
- Manage multiple projects
- Project planning

General Work Activities:

- Mental Processes
 - Determine operational methods
 - Analyze project data to determine specifications or requirements
 - Evaluate designs or specifications to ensure quality
 - Create graphical representations of industrial production systems
- Interacting With Others
 - Communicate technical information to suppliers, contractors, and/or regulatory agencies
 - Discuss designs or plans with clients
 - Recommend technical design and/or process changes to improve efficiency, quality, or performance
 - Supervise engineering or other technical personnel
- Information Input
 - Estimate operational costs
- Work Output
 - Prepare contracts, disclosures, or applications

Source: SC Works Online Services (SCWOS)

LEARN MORE WITH SCWOS:

SC Works Online Services (SCWOS) is the state's largest job database and provides all of South Carolina's job postings from all major sites, including Monster and Career Builder, in one resource. SCWOS has thousands of positions listed by employers all over the state. To access SCWOS, visit jobs.scworks.org.

Find in-depth breakdowns of occupational statistics such as necessary job certifications, job skills and abilities, current job openings, overview of general work activities, and more by visiting [O*NET.org](https://www.o*net.org).

DEW is an equal opportunity employer. Auxiliary aids and services are available upon request to individuals with disabilities. Access TTY/TDD equipment via the South Carolina Relay Service at 711. For program funding details in compliance with the Stevens Amendment, please visit www.dew.sc.gov/funding. Information released as part of the Explore SC@Work campaign is gathered from employers, jobseekers, associations, the Bureau of Labor Statistics, DEW's Labor Market Information Division, and other sources. All data is factual, but names, images, and quotations have been adapted to protect the identity of employees and businesses.

JOB STATISTICS:



Typical Wage Range

\$79,480 - \$107,670



Projected Growth

598/yr Job Openings



Employed In-State

7,070



Required Education

Bachelor's Degree



Work Experience

Typically
Requires None



On-the-Job Training

Typically
Requires None

*Source: Occupational Employment and Wage Statistics (OEWS) and the U.S. Bureau of Labor Statistics.

EXAMPLES OF WORKFORCE AREAS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Greenville
- Trident
- Midlands
- Upstate
- Lower Savannah
- Pee Dee

EXAMPLES OF EMPLOYERS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Lockheed Martin Corporation
- ACTalent, Inc.
- CONTINENTAL AG
- Jobot, LLC
- TM Floyd & Company
- AFL

RELATED OCCUPATIONS*:

- Industrial Production Managers
- Manufacturing Engineers
- Mechanical Engineers
- Mechatronics Engineers
- Validation Engineers
- Logistics Engineers

NOTE: All data based on state averages. Information may vary depending on region, experience, and specific employment situation. Last Updated: 2024.