



Evelyn Bryant - 35

“ I've had a love of airplanes since I was a little girl. Whenever I had a chance to fly, I'd try to spot all the different types of planes around the airport and report them back to my dad, who was also knowledgeable about aircraft. Growing up, I didn't know I'd have an opportunity to work in the aerospace industry in South Carolina, but it really has been a growing field over the past couple of decades. Now I get to be part of a team planning for planes of the future. My 10-year-old self would be so excited that I get to go to work around planes every day. ”

Occupation:

Aerospace Engineer

Salary:

\$125,324

Education:

Bachelor's Degree

Job Description:

Aerospace Engineers perform engineering duties in designing, constructing, and testing aircraft, missiles, and spacecraft. May conduct basic and applied research to evaluate adaptability of materials and equipment to aircraft design and manufacture. May recommend improvements in testing equipment and techniques.*



Job Description:

SOC Code: 17-2011

Top Job Skills:

- Design tools
- System design
- Airframe design
- Make complex repairs
- Damage tolerance analysis

General Work Activities:

- Mental Processes
 - Create models of engineering designs or methods
 - Design electromechanical equipment or systems
 - Evaluate designs or specifications to ensure quality
 - Determine design criteria or specifications
 - Analyze design or requirements information for mechanical equipment or systems
 - Evaluate plans or specifications to determine technological or environmental implications
 - Design systems to reduce harmful emissions
- Interacting With Others
 - Direct design or development activities
- Information Input
 - Investigate system, equipment, or product failures
 - Prepare procedural documents
 - Maintain operational records or records systems

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.onet.org).

JOB STATISTICS:



Typical Wage Range
\$108,450 - \$177,600



Projected Growth
46/yr Job Openings



Employed In-State
560



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.

- Midlands
- Lower Savannah
- Greenville
- Upstate
- Trident
- 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.

- Honeywell
- GE Aerospace
- Aerotek
- Lockheed Martin
- South Carolina Department of Transportation (SCDOT)

RELATED OCCUPATIONS:

- Aerospace Engineering and Operations Technologists and Technicians
- Avionics Technicians
- Electro-Mechanical and Mechatronics Technologists and Technicians
- Mechanical Engineers

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