

Belcan

ABOUT THE COMPANY

Belcan is among the largest engineering companies in the U.S. providing end-to-end engineering services from conceptual design to aftermarket support. With multi-industry experience as a global supplier of engineering services, they can provide the quality resources you need, exactly when you need them.

POSITION DESCRIPTION: Entry Level Controls Engineer ~ \$ 60K – 75K

LOCATION: West Palm Beach, FL

An Entry-Level Controls Engineer job in West Palm Beach, FL is currently available at Belcan. This is a direct, full-time position with benefits. To be considered for this role, you will need a bachelor's degree in a related field or equivalent work experience.



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Responsibilities

- * Design, testing, verification, and validation of control system software for jet engine propulsion systems.
- * Design control logic to meet system requirements using proprietary software design tools.
- * Develop and execute test cases in a simulation environment, analyze and present data, validate control functionality, and document results.
- * Identify anomalous control system behavior.
- * Identify root cause of issues and identify solutions.
- * Develop software tools to automate various steps in the testing and analysis process.



Required Qualifications / skills

- * Understanding of control theory concepts and components, such as closed-loop control, sensors, actuators, feedback, signal conditioning, failure detection, microcontrollers, processor scheduling and timing, embedded software, data analysis techniques, and testing methods.
- * Aptitude for computers, software, and scripting languages.
- * Experience using office software, such as Word, Excel, PowerPoint, Outlook
- * Interest in aviation and/or aerospace applications.
- * Ability to learn new tools and concepts quickly.
- * Exceptional work ethic.
- * Motivated to learn and to be productive.
- * Willingness to work off-shift hours on occasion.
- * Due to the nature of the work being done all applicants must be U. S. Citizens.

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