TESTABILITY INTERN

Posting ID: IN1950551D

Company: BAE Systems

Position Type: Part-Time

College Major(s): Civil Engineering (CEE), Construction Management (CEM), Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE), Computer Science (CS), Entertainment Engineering (EED)

College Level(s): Undergraduate-Junior, Undergraduate-Senior

Company Website: https://www.baesystems.com/en-us/home

Work Location: San Jose, CA

Salary: DOE

OVERVIEW

The Platforms & Services (P&S) sector under BAE Systems, Inc does the big stuff: the armored combat vehicles, naval guns, missile launchers, and naval ship repair…just to name a few. Our employees take pride in the work they do and why they do it. They are on the front lines every day, building our products to protect the lives of those who serve. We may be biased, but we think P&S does some of the coolest work around, and we think you will too.

We celebrate the array of skills, experiences, and perspectives our employees bring to the table. For us, differences are a source of strength. We’re laser-focused on high performance, and we work hard every day to nurture an inclusive culture where all employees can innovate and thrive. Here, you will not only build your career, but you will also enjoy work-life balance, uncover new experiences, and collaborate with passionate colleagues.

This is a Testability Internship for summer supporting our Combat Vehicles business in San Jose, CA. This internship will support the Diagnostics & Testability Engineering Team.

Roles and Responsibilities

In this position, the intern will:

- Support the identification of faults and fault codes for the system under design.
- Analyzes system and subsystem designs for Integrated Diagnostics and Test (ID&T) deficiencies and recommends potential corrective action.
- Assist in developing strategies, testing, and analysis methods for complex problems. Performs troubleshooting on electrical/electronic and computer assemblies at a sub-systems and systems level using the most effective method.
- Ensures ID&T designs are tested in accordance with design requirements.
- Help integrate detailed design elements in the areas of BIT, and automatic and manual test programs for specific portions of a project, at a subsystem or system level.
● Understands subsystem and system integration and may conduct design reviews (internal and external).
● Provides related ID&T technical/performance requirements for component/subsystem/system specifications.
● Provides technical assistance and problem solving during fabrication, assembly and test.
● Understands the interface of hardware configuration items (HWCI) with computer software configuration items (CSCI) at assembly, subsystem, and system levels.
● Facilitates the preparation of detail drawings and technical documentation.
● Prepares presentation materials for senior management, and for internal/external customers.

Education and Qualifications
Currently pursuing an engineering degree at an accredited college or university
Demonstrated interest in systems engineering and diagnostics

Preferred Skills
● Pursuing a degree in electrical engineering or related field
● Rising or current senior, graduating in 2019 or 2020
● Previous relevant internship or work experience

How to Apply