



Charleston Defense
Contractors Association
PO Box 61089
North Charleston, SC 29419

2014 SUMMER INTERNSHIP OPPORTUNITIES

- *Students who are interested in the CDCA sponsored summer internship program should contact the **Company's Point of Contact** for consideration *As Soon As Possible* for consideration.*
- *The deadline for all completed student and company applications is **March 31st, 2014**, so students should contact companies **As Soon As Possible** for proper consideration.*

Opportunity #1: Engineering Intern – Mechanical Design

Company: KTM Solutions, Inc.

Internship Period: May-August 2014

Location: Greenville, SC

Description: Utilize CATIAv5, Solidworks, and SolidEdge to perform basic mechanical design functions associated with the aircraft/automotive industry. Perform geometric layout and graphical representations suitable for manufacture. Perform tolerance analyses and basic structural calculations. Must have completed first year of college or have related mechanical design experience. Must be enrolled in degree program. Must have completed introductory course to mechanical drafting.

Point of Contact: Paul Kumler

Phone: 864-297-6600 (ext 2101)

Email: careers@ktmlsolutions.com

Opportunity #2: Software Developer Intern

Company: SPARC LLC.

Internship Period: May-August 2014

Location: North Charleston, SC

Description: Assist in development efforts for software enhancements, extensions, defect corrections and integration of features. Create or assist in developing mobile web applications (Android/Apple). Assist Senior Developers with implementation of requirements, system specifications, input/output processes and working parameters for software integration. Use innovative problem solving and critical thinking approaches to proactively solve a broad range of problems across technologies. Learn to apply Agile development methodologies for complex, state-of-the-art modules. Review test results and evaluate for conformance to design. Develop systems and design infrastructure necessary to support both business and technical integration needs.

Point of Contact: Jill Youngblood **Phone:** 803.517.6802

Email: jill.youngblood@sparcedge.com

Opportunity #3: IT Analyst I

Company: PEMCCO, Inc.

Internship Period: May – August, 2014

Location: North Charleston, SC

Description: IT Analyst I will be responsible for requirements management and base-lining the requirements to build a proposal database from several different sources that must be imported into the database. Weekly reports and demos showing progress and addressing whatever concerns are on the table must be completed with our local office and monthly demos for our corporate office. Open to Business and other science/engineering majors.

Point of Contact: Miranda Nichols **Phone:** (843) 501-1632 **Email:** Miranda.nichols@pemcco.com



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Opportunity #4: Systems Administrator Intern

Company: Life Cycle Engineering

Internship Period: May-August 2014

Location: North Charleston, SC

Description: The two key areas of focus for the System Administrator intern will include Technology and Process Improvement. The intern will assist the Lab Manager with daily tasks and be part of a team to help improve current business processes. This Internship provides a learning environment rich with resources and experience. From the technology side, LCE's Summer Internship Program provides qualified applicants the potential to learn about the following technologies:

- Virtualization (VMware ESX4i Server)
- Operating Systems (Linux, Windows 2003/2008)
- Database Technologies (MS SQL 2005, MS Access 2007, MySQL)
- Web development/management (Internet Information Server, Apache)
- Information Security (Industry Standards, DoD Standards, Security+)
- Networking (Cisco, Endian)

Point of Contact: Michael Hoyt **Phone:** 843-697-8568 **Email:** mhoyt@LCE.com

Opportunity #5: Engineering Intern

Company: Scientific Research Corporation (SRC)

Internship Period: May – Aug 2014

Location: North Charleston, SC

Description: Under direct supervision, applies use and application of standard engineering principles, theories, and concepts of minor complexity. Intern will assist in the research, analysis, design, development and/or test of technical engineering data in support of customer requirements in one or more engineering disciplines.

Qualifications: Candidate must be actively pursuing a Bachelor's degree in a relevant technical discipline. Position requires the application of complex, technical professional disciplines and the extensive use of related concepts, practices and methods. Also requires a fundamental level of proficiency, verbal and written communication and computer skills.

Point of Contact: Mary Virginia "Ginny" Gregg **Phone:** (843) 308-2467 **Email:** ggregg@scires.com