High Performance Computing Full-time, Part-time and Internship Opportunities

**Background Description:**
BCT LLC is a Government consulting company supporting the Department of Defense and the Intelligence Community. We are looking for college Undergrad and Grad students who are interested in working in High Performance Computing either as a full-time hire or for part-time employment or a paid internship.

**Is this you?**
Are you someone who likes to squeeze every ounce of performance out of your computer? If any of these ideas appeal to you:
- running existing benchmarks on large HPC Super Computers
- learning to write parallel programs in UPC and SHMEM
- exploring and using math algorithms to solve challenging problems
- designing benchmarks to maximize the potential of modern HPC systems
- optimizing existing code to take advantage of modern additions to processor instruction sets then we want to hear from you!

**Qualifications:**

- **Basic Qualifications:**
  Candidates must meet the following criteria:
  - Currently enrolled in an accredited undergraduate, graduate or doctoral level college or university Mathematics or Computer Science program
  - Experience in “C” Programming
  - Familiarity with the Linux Operating System and a scripting language
  - Have at least a 3.0 (out of 4.0) overall GPA
  - US Citizenship

- **Desired Qualifications:**
  Successful candidates will have one or more of the following:
  - Parallel Programming experience (MPI, UPC, OpenMP, Pthreads, SHMEM)
  - High Performance Computing experience
  - General Purpose GPU Programming experience (CUDA, OpenCL)
  - Low-level programming experience (compiler intrinsics, x86 assembly, multimedia SIMD extensions such as SSE2 and AVX)

**Location:** Fort Meade, MD

**Hours:** Full time or part time hours available as well as internships and summer employment

**Security Clearance/Full Time Employment:**
For internships, a Government security clearance is not required, but applicants must be U.S. citizens. BCT will submit full-time employee candidates for a high level Government security clearance.

**Apply:** To apply, please submit your resume and transcript to:
Mr. An Nguyen / BCT LLC Director of Staffing / An.Nguyen@BCT-LLC.com

**Equal Opportunity Employer:**
BCT LLC is, and has been from its inception, an equal opportunity employer. The objective of BCT is to recruit, hire, train and promote into all job levels the most qualified applicants, without regard to race, color, religion, sex, national origin, veteran status, age, or disability.

For more information regarding our company, please visit www.BCT-LLC.com