



## ***Java Web Developer Internship Position***

**Location:** Montgomery County, PA/remotely through web-based collaboration tools

**Salary:** Unpaid

**Schedule:** Flexible hours, project timeline/milestones discussed and approved in advance

**Time Commitment:** 300 hours minimum (or as dictated by internship program)

**Supervisors:** John Russella and Klaudia Breslavets of NEXTERN Partners

### **Internship Overview**

Exciting opportunity for ground floor experience developing a state-of-the-art web site consistent with the latest JAVA development standards. Participate in a structured project where you will gain hands-on experience: writing code based on requirements, JAVA language development, technical documentation and functional testing. The selected intern will gain resume-worthy experience while working with and being mentored by seasoned information technology professionals.

### **Organization Overview:**

NEXTERN Partners is a pre-formation startup whose goal is to provide experiential opportunities for students from under-served communities to build marketable self-equity and skills through organized and mutually beneficial partnerships among education, business & industry, and neighborhoods & community organizations sharing a common set of goals and ethical guiding principles in support of STEM education and U.S. economic competitiveness objectives.

### **Position Overview:**

Opportunity to design and develop a fully-functional website for NEXTERN Partners that establishes a professional-grade web presence. Site must conform to web development standards and guidelines (i.e., PL –110-325, WC3, Java development conventions), as well as industry standards and best practices for educational/non-profit organizations. The intern will collaborate directly with NEXTERN Partners to ensure adherence to the provided functional design and technical specifications. Intern must have access to a personal computer and be able to install specified open source products.

### **Principal Responsibilities/Behaviors:**

- Develop website on the Struts 2/Spring frameworks with integration of various web technologies (i.e. templating, stylization, etc.).
- Participate in requirements gathering and design sessions with NEXTERN Partners.
- Document website in concept and implementation through diagram, narration, and source documentation. Documentation, at a minimum, shall include help files, frequently asked questions, and commentary in source code.
- Identify and integrate open-source technologies to satisfy functional requirements.
- Provide timely status reporting in fulfillment of project plan timeline.

### **Major Qualifications:**

- Pursuing a Bachelor's or Master's degree in Computer Science, Information Technology, or related discipline. Mathematics, MIS, Graphic Design majors are encouraged to apply.
- Cumulative GPA of 3.0 or higher preferred.
- Proficiency in web development languages required. Java background preferred.
- Proficiency in web-related technologies (i.e. CSS, JavaScript, etc.) required.
- Working knowledge of automated build technologies (e.g. Maven) preferred.
- Working knowledge of Spring and Struts 2 application frameworks a plus.
- Demonstrated leadership skills and effective analytical, communication (verbal and written), interpersonal and problem-solving skills.
- Familiarity with software development life cycle methodology preferred.
- Self-motivated and self-starting with ability to work under minimal supervision.
- Legal ability to work in the United States as an intern.

**Send Resume to [Nextern.Partners@gmail.com](mailto:Nextern.Partners@gmail.com)**