Title:
DevOps – Python Web Software Developer - DOT/ Internship

Primary Responsibilities:

- Develop internal applications, tools, frameworks, and processes in Python to be utilized in support of Interoperability testing/analysis efforts on SSDs
- Participate in Design Reviews and Code Inspections
- Responsible for designing and developing automated tools or frameworks for highly optimized test coverage
- Excellent communication skills, ability to make and influence decisions, and drive open discussions to a closure
- Ensure testability of a product suite and measure code coverage data regularly
- Utilize innovative test technologies to develop product testing strategies
- Promptly identifying and escalating defects; working with cross site and cross functional product teams to isolate problems; and tracking the issues to complete resolution.

Desired Qualifications:

- Pursuing a BS/BE in Computer Science or related field
- Excellent programming and technical skills in Python programming

- Experience writing web applications, particularly using PHP

- Experience writing SQL queries

- Excellent ability to break down complex software systems with application of problem solving skills

- Experience in doing code reviews, defect analysis, writing test tools and identifying automation opportunities
- Excellent experience in driving quality initiatives like coding guidelines, best practices within the development teams
- Must be highly motivated with a strong passion for and commitment to software quality
- Strong architectural, design, programming, and debugging Python experience
- Proven track record of delivering high quality, scalable software as a service with a cohesive user experience
- Proven track record of design, implementation, and delivery of enterprise level automation framework(s)
- Ability to prioritize and manage work to critical project timelines in a fast-paced environment with minimal or no management
- Have a strong desire to continually grow in the technical stream
- Have the following traits: dedicated, persistent, analytical, focused, ambitious, and attentive

Business Group

Employees in Intel's Non-Volatile Memory Solutions Group (NSG) work on non-volatile memory from material science and process research, through component design, manufacturing, ASIC, board, solid state drives and SW solutions. They deliver disruptive solutions that are transforming computing across all segments from Internet Portal Data Centers (IPDCs) to Consumer Client Devices such as Ultrabooks and Tablets. They invent, develop, bring to market and support customers with leading-edge non-volatile memory products. Our customers include leading cloud service providers (CSPs), IPDCs, original equipment manufacturers (OEMs), and other leading edge technology companies from around the world. NSG is a dynamic group that is strategically positioned to become the leading non-volatile memory (nvm) solution supplier for the compute segment, driving disruptive computing changes in the industry and is a key organization to expanding markets and continuing growth for Intel.
The Software Validation and Capabilities team within the NSG business group supports the development and validation of industry-leading SSDs (Solid-State Drives) and new storage technologies such as 3D XPoint™ Technology. NSG's business is expected to grow 4X by the end of this decade, contributing a significant portion of Intel's planned revenue and profit growth in that time period. We need the best engineers to help us get there.