

StanleyBlack&Decker

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Requisition Number	41623BR
Title	Embedded Systems Engineer
Business	US - GTS - General
State / Country / Province	Maryland
City	Towson
No. of Positions	1
Job Description	<p>Stanley Black & Decker (SBD) is one of the world's largest, fastest-growing, and most dynamic companies. We are unique in that we have a rich and storied history dating back to 1843, but that hasn't stopped us from evolving into a vibrant, diverse, global growth company. We have been globally recognized as one of the most innovative, sustainable, and rewarding companies in the world. Stanley Black and Decker's 2015 Revenue was 11.2B and our Global Tools & Storage division is responsible for \$7.1B of SBD annual revenue. Global Tools and Storage is currently seeking candidates for an Embedded Systems Engineer based in Towson, MD.</p>

Job Description:

Stanley Black and Decker is seeking an Embedded Systems Engineer. In this role you will participate with representatives from Marketing, Procurement, Compliance and Engineering to launch world class power tool products with cost effective embedded electronics and software.

- Desired Skills:**
- * ARM Cortex M0, M3, M4, M7 embedded design experience using ST Micros
 - * Familiarity with STMCube hardware abstraction layer and CubeMX design tools
 - * C Software implementations using super loops, interrupts and FreeRTOS
 - * Interfacing to parallel TFT displays - understanding of timing signals, video buffers & color depth
 - * Embedded USB host and peripheral designs
 - * Interfacing to USB memory sticks using FATFS library
 - * Experience using ARM DSP libraries for digital filtering
 - * Experience using RS232, RS422, RS485, I2C, SPI, UART, A/D, D/A, Timers, PWMs and other MCU peripherals
 - * Analog designs using OPAMPS and transistors for signal conditioning and low power circuitry
 - * One or more PC based high level language(Python, JAVA, C#, VB, Delphi, etc)

- Education & Experience:**
- * B.S. Electrical or Computer Engineering
 - * 3+ years work experience in related field

EEO Statement	<p>All qualified applicants to Stanley Black & Decker will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, veteran's status, age, disability or any other characteristic protected by law</p>
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