



Video Processing Software Engineer

Location **Forest Hill, MD**

Clearance Level

Education **BS Computer Science or equivalent** **Division** **ICI/SEAS**

Experience **5 – 15 Years** **Position Type** **Full-time**

Misc Requirements **Work Shift** **Monday - Friday**

Travel Required **20%**

GENERAL JOB DESCRIPTION

Corporation is actively seeking qualified candidates in the development and implementation of video processing and exploitation capabilities for interpreting video from unmanned air vehicles. This work will include hands-on design, development, experimentation, and testing of real-time exploitation algorithms with UAVs, CCTV, IR and Ground Sensor cameras. Task will include the development of human and object detection, tracking, classification, and geolocation algorithms. Additionally, design and development of user interface, software optimization, and real-time systems development will be pursued in a team-oriented environment.

CANDIDATE REQUIREMENTS

B.S. in Computer Science/Engineering with solid mathematical background and 4 or more years hands-on experience building computer vision systems. Experience designing and developing systems that employ video processing algorithms. Experience in software engineering and product building using object-oriented design principles in Java and C++. Very strong experience with Java Eclipse, Spring and JNI. Solid written and oral communication skills.

This position requires an active United States security clearance or candidates must be eligible to receive a US clearance