



Embedded Systems Engineer

H3D, Inc. seeks exceptional individuals to support product development, integration, and maintenance of embedded computer systems. This engineer will work with our strong interdisciplinary technical team to create software and modify kernels, drivers, and OS settings in next-generation radiation detectors. This employee will work throughout the product-development process from keeping up with the current state of System On Module (SOM) products and helping define design specifications, to debugging and unit testing of kernel and driver changes and providing product support. They will also be responsible for developing and maintaining the build toolchain. Required work may be on a government contract requiring US citizenship or Green Card.

Qualifications: The candidate should have a BS in Computer Science or related field, two to four years of related experience, or a combination of education and experience. The candidate should be proficient with C++, multi-threaded applications, Linux kernel development, the Linux OS environment, and hardware integration.

The candidate should work well independently and in a team, have good communication, organization, problem-solving, and documentation skills, and thrive in a constantly evolving workplace. The ability to work on complex projects with general direction and minimal guidance is valued, as is versatility and flexibility.

About Us: H3D commercializes CZT-based 3D radiation-imaging technologies for nuclear power plant, defense, homeland security, and medical applications. We seek to provide our customers with the highest performance and most user-friendly instruments possible. A 2011 spinout from the University of Michigan, we have twice been awarded the SPARK FastTrack award for impressive growth and have performed sponsored research for the DoD, DoE, NIH, NIST, and others. We currently ship products to nuclear power plants and research labs around the world.

Please email a short cover letter and resume to H3D, Inc. at HR@h3dgamma.com. H3D, Inc. offers an attractive benefit package that includes health insurance, paid holidays and vacation, and a competitive 401(k) plan. H3D is an equal opportunity employer. All qualified women, minorities, disabled, and veterans are encouraged to apply. Work will occur at our Ann Arbor, Michigan office. Visit our website at <https://www.h3dgamma.com>.