



# Senior Electronics Engineer

H3D, Inc. seeks exceptional, motivated problem solvers with expertise in electronics to fill an open full-time position. The new employee will perform sponsored research and product development to solve practical electronics problems related to the field of radiation detection and ancillary communications. Required work may be on a government contract requiring US citizenship or Permanent Resident status.

**Qualifications:** We are looking for candidates holding BS, MS, or PhD degrees in Electrical Engineering or related fields, with expertise in circuit design and firmware development and experience in related industries.

The candidate should demonstrate the ability to solve difficult problems with a focus on practical applications. Printed circuit board schematic development, layout, and troubleshooting are required capabilities. Board complexity could range from a simple power supply to designing a SOM for an ARM CPU. The candidate should also be capable of writing all the necessary drivers, microcontroller code, and firmware required to take advantage of the circuits they develop.

The candidate should work well independently and in a team, and have good communication, organization, and documentation skills. We are looking for someone who is already capable, yet not afraid to try and learn new things.

The future hire will be joining a hard-working team that is pushing the limits of available technology to create truly groundbreaking gamma-ray detection systems with applications focused on national security, nuclear power, and medical imaging.

**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 laboratories around the world.

Please email a cover letter and resume to H3D, Inc. at [HR@h3dgamma.com](mailto: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 <http://www.h3dgamma.com>.