



# Research and Development Engineer/Scientist

H3D, Inc. seeks exceptional problem solvers with expertise in radiation detection to fill multiple open full-time positions. The new employees will perform sponsored research and product development to solve practical radiation-detection problems. Required work may be on a government contract requiring US citizenship or Green Card.

**Qualifications:** We are looking for candidates holding BS, MS, or PhD degrees in Nuclear Engineering, Nuclear Science, or Physics, with experience in radiation detection.

The candidate should demonstrate the ability to solve hard problems with a focus on practical applications. Strong programming skills are required, preferably in C++. Advanced-degree holders should be experts in one or more aspects of radiation detection, ranging through detector fabrication, calibration, data processing, and concepts of field operation.

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 supremely capable, yet not afraid to try and learn new things to push the project forward.

The future hire will be joining a hard-working team that is pushing the limits of available technology to create truly groundbreaking gamma-ray detector systems. Such systems could play an important role in keeping people safe and in national security.

**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 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, a competitive 401(k) plan, and pizza or salad once a week. 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>.