



# Engineer/Programmer Intern

H3D, Inc. seeks exceptional problem solvers with interests in radiation detection for part-year paid internships. The potential intern should have completed coursework or have experience in radiation detection, programming, circuit design, or mechanical design. The internship will occur in our Ann Arbor, Michigan office, working with our cross-disciplinary team 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 currently pursuing their BS degrees. Those studying nuclear engineering or nuclear science should have some experience with radiation detection and programming. Those studying computer science should have strong experience with C++, Linux, and/or user-interface design. Those studying electrical engineering should have experience with circuit design, schematics, and board layouts. Those studying mechanical engineering should have experience with CAD, testing, and familiarity with shop tools. Extracurricular projects are a plus.

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.

**Time Period:** The internship will last two to four months and the intern is expected to work 40 hours a week. Please indicate the preferred start date in your application.

**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 is an equal opportunity employer. All qualified women, minorities, disabled, and veterans are encouraged to apply. Visit our website at <http://www.h3dgamma.com>.