3D SOFTWARE ENGINEER

5+ YEARS OF EXPERIENCE IN ALGORITHMS AND 3D MODELS

Our mission and your passion

We are true believers in the necessity of sustainable green energy and we believe that there is an inextricable close tie between the abundance of accessible energy in the world, and the well being of our civilization.

In this job you will be working with 3d data structures, reactor CAD models, 3D simulation tools and scientific computing. We will help improve simulations tools such as OpenFoam, OpenMC and Serpent used for nuclear reactor simulations. You will have a key role in our nuclear reactor simulation team and help nuclear engineers reach uncharted territory in the field of nuclear reactor simulations.

Who are you?

Curiosity is part of our culture and how we train every day as a team to become world champions of our mission. What is your story and what are your dreams? As team players we depend on each other whether big or small projects and delivery. Hence, we make a huge effort to keep our promises and deadlines because it affects all of us. Our work pace can be intense at times due to our high ambitions, and errors can be expensive. However, if you like to be challenged Copenhagen Atomics might be the right place to work for you.

You are a very experienced 3d software engineer with several years of experience in C# or C++. We expect that you have experience with multithreaded development and 3D files structures and 3D models. It is a big plus if you also have some experience with ray tracing algorithms, CUDA or similar. You probably have extensive knowledge about algorithms, linear algebra, matrix operations and scientific computing. Preferably you also have a good understanding of physics. It is a must that you have experience with Linux and git. You enjoy working in close collaboration with engineers and physicists.

You can apply at jobs@copenhagenatomics.com Please send your CV and just write 10 - 20 lines about yourself and about your experience with software engineering and why you would like to work on software for MSRs.

About Copenhagen Atomics

Based in Copenhagen we're an international growth team of 40 engineers, technicians and designers who are in the process of developing nuclear power plants to be manufactured on assembly lines in the future. We expect many new colleagues to join our company within the next 5 years as we expand our breath and capabilities even further.