



FAR-TECH · 10350 Science Center Drive · Suite 150 · San Diego, CA 92121
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We are seeking a computer software scientist or engineer, with a BS degree, who can develop/test/package/document in-house developed software. An applicant must have good knowledge in electromagnetism, mathematics skills, linear algebra, PDE solvers, and parallel computing.

FAR-TECH, Inc. provides and develops cutting-edge technology in magnetic fusion energy and high energy accelerators. Numerical investigation is a big part of our technology. Once a physics/engineering model is conceived, a numerical investigation often follows.

A numerical expert with a higher degree or software engineer with interest and skills in plasma and accelerator physics is also encouraged to apply.

US citizen or permanent resident status is required.

Skills and Job Responsibilities may include the following:

- Tests of in-house developed codes
- Debugging and upgrading in-house codes
- Documentation of in-house developed codes
- Graphical User Interface development
- GPU simulations
- Particle-in-cell simulations
- Fluid simulations
- Numerical algorithms development:
Solid understanding of basic algorithms such as "*Numerical Recipes*"
- Data Analysis
- Plasma Jet Simulation
- Graphical User Interface development
- Ability to program in various computation languages: C, C++, Fortran
- Operating systems: Linux, Windows, Mac OSX
- Knowledge of computer programming concepts. Ability to program simple scripts within an application, or stand-alone with a scripting language such as Python.
- Ability to solve partial differential equations
- Excellent written and verbal communication skills (in English).
- Ability to work in a dynamic team environment.
- Good work ethic

Please visit our webpage at www.far-tech.com for more information about the company.
If interested, submit your resume and publication list to jobs@far-tech.com.