IT Specialist
(APPLICATIONS SOFTWARE)
Trust Fund (Non-Federal), Indefinite

This is an opening for a software developer in the data systems division of the Chandra X-ray Observatory Science Center to work on the Chandra data archive. The archive contains terabytes of data, ensures their integrity, security and uninterrupted access, and provides interfaces for archiving and retrieval to science center operations and Chandra users. The successful candidate will work to extend and maintain the archive functionality and to support its operations. Knowledge required for the position includes C/C++, Java, SQL, database design, scripting languages Perl/Python, web development using HTML, CSS and JavaScript, Unix environment, and experience working with relational database servers, web and JEE application servers. We offer a challenging environment working in partnership with science and data systems operations teams and an existing software development team, to bring Chandra data products and analysis tools to the astronomical community at large.

Duties include:
- Communication with scientists and operations teams for software requirements.
- Software development and maintenance through all phases of the software development lifecycle.
- Software documentation for operations and users.
- Release deployment, server and data migrations, data archive monitoring.
- Problem analysis and evaluation in support of science operations and user input.
- Ability to work as part of a team.

We will only accept applications on line for this position. To view the complete vacancy announcement and online application procedures, please visit

See job posting: https://www.cfa.harvard.edu/hr/postings/16-25.html