

Software Developer - Windows
Radix Laboratory
Mathematics and Computer Science Division
Argonne National Laboratory

Argonne National Laboratory invites outstanding candidates to apply for a software developer position in the Mathematics and Computer Science (MCS) Division at Argonne National Laboratory.

As a member of the Radix Laboratory (www.mcs.anl.gov/radix) for the development of scalable, parallel programming tools, the selected candidate will be responsible for implementing, debugging, and testing new components of our award-winning MPI (Message Passing Interface) implementation, MPICH2 (www.mcs.anl.gov/mpi/mpich2). The successful candidate will work with members of the MPICH2 group to design new features, improve the performance and usability of MPICH2 and related tools, interact with users to diagnose and fix problems, and perform research on MPI implementations.

Candidates should possess considerable knowledge of Windows, particularly Windows security. Considerable knowledge of computer science, software engineering, and the C programming language, and Windows, particularly Windows security is also required. Familiarity with parallel programming, OS, high-performance networking, and MPI are highly desired, as is the ability to work well with other laboratories and universities. Applicants should possess at least a B.S. degree. The appointment is for one year (renewable).

The MCS Division offers an excellent computational environment for this work, including several large Linux clusters, a world-renowned distributed systems laboratory, and a virtual environments laboratory. For more information, see the [MCS Web page](#).

Interested candidates should submit a resumé through the Argonne [Web site](#) under job openings for Requisition MCS-309720.

Argonne is an equal opportunity employer, and we value diversity in our workforce.