The Software Engineering Institute (SEI) is a Federally Funded Research and Development Center operated by Carnegie-Mellon University under contract to the Electronic Systems Division of the U.S. Air Force Systems Command. Our mission is to provide able professionals with effective technology to rapidly improve the quality of large scale software systems; to accelerate transition of modern software engineering techniques and methods into practice throughout the mission-critical systems community; and to establish standards of excellence for software engineering practice.

Mission critical systems of interest include:
- real time process control
- telecommunications
- software engineering environments
- command and control
- intelligence and cryptographic

To address its mission, the SEI has a broad goal: Transition software engineering technology to significantly improve the ability to produce and support predictably high quality systems. Three principles guide the approach: intellectual control, use of technology intensive methods, and excellence.

The SEI is structured to interface with government organizations, with industry, and with academic and research communities. The organization is designed to ensure adequate emphasis on the elements of Institute management, quality technical performance, and effective coupling with the Department of Defense. Technical activities are carried out through three divisions.

Promoting Excellence in Software Engineering

The SEI is actively seeking seasoned professionals with industry experience for the Technology Transition and Training Division who understand the problems surrounding large scale software development and support projects. To overcome technological and psychological obstacles and move the state-of-the-practice closer to the state-of-the-art, we are seeking:
- Computer Scientists
- Software Engineers
- Applications Engineers
- Systems Engineers

Applicants should have demonstrated knowledge and experience that will foster close working relationships throughout the industrial, governmental, and academic systems communities.

For further information about the Software Engineering Institute, its programs, people, or employment opportunities contact:
Personnel Specialist
Software Engineering Institute
Carnegie-Mellon University
Pittsburgh, PA 15213
(412) 578-7700

The Basic Research and Education Division focuses interaction with the academic and research community and is responsible for research in software technology to improve the state-of-the-art.

The Project Engineering Division identifies, assesses, modifies, implements, and evaluates emerging technologies.

The Technology Transition and Training Division interfaces the SEI to external organizations for technology transition and information exchange.

To maintain close ties with the software development community, the SEI has established Industrial, Government, and Academic Affiliates programs. Participants in these programs will contribute their expertise to SEI projects, which will simultaneously help their parent organizations.