

Jerry Yun Pan

Scientist

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Education and Training

1993 State University-Albany, Earth Science, PhD
2000 Southern Polytechnic State University, Computer Science, MS
1983 Peking University (China), Geochemistry and Mineralogy, BS

Research and Professional Experience

2007-Present Computer Scientist/Systems Engineer. Environmental Sciences Division, Oak Ridge National Laboratory. Working on data server related technologies, server side analysis tools, OPeNDAP and related technology evaluations.

2006 Senior Software Engineer. Tivoli Group, IBM, Atlanta, GA. SOMA Project: Worked on IT security tool development (Security Operations Manager Application), with a distributed, multiple data source system, with Java, Database, Swing GUI technologies.

2000-2006 Senior Software Engineer. Internet Security System, Inc., Atlanta, GA.
Remote Scan Commander Project: Design and implemented a Web-based remote scanning service software, in which secure communication from the web server to an Internet security assessment software (Internet Scanner) was used.
Enterprise Dashboard Project: Design and implemented a distributed, enterprise-level, security protection/detection software, using Java RMI and JNI interface to C++ based security products.

1999-2000 Software Engineer, IQXpert, IHS Group / PartMiner Inc., Atlanta, GA.
IQWeb Client Project: Using Java technologies to transfer a legacy C++ client-server software to a Web-based system. Designed and coded Java classes to cache remotely obtained XML data objects.

1997-1999 Software Engineer. International Computex , Inc., Atlanta GA.
Product Manager (PM) Project: Performed customization programming, maintenance, and unit testing of object-oriented, three-tier client/server C++ applications.

1993-1997 Consultant, Boogay Consulting, San Diego, CA. Provided environmental consulting services to clients in various industrial sectors.

1989-1993 Research Assistant. State University of New York-Albany. Thermochronology study of the Tibet Plateau. Using Ar40/39 dating, Fission Track analysis, to study the unroofing, uplifting, and general tectonic history of the plateau since Euro-Asia plate collision.

1985-1986 Visiting Researcher. Geochemistry and Geology, Imperial College, Loudon University, UK., founded by the Royal Society of U.K.

1983-1985 Research Geochemist. Institute of Geochemistry, Guiyang, Chinese Science Academy Geochemistry and Geology

Publications

1. Pan, Y., etc, 1993, Thermal and unroofing history of the Lhasa area, southern Tibet - Evidence from apatite fission-track thermochronology: Nuclear Tracks and Radiation Measurements, v. 21, p. 543-554.
2. Pan, Y. and Kidd, W.S.F., 1992, Nyainquentanglha shear zone: A Late Miocene extensional detachment in the southern Tibetan Plateau: GEOLOGY, v. 20, p. 775-778
3. Pan, Y., etc., 1991, Structural and thermal chronological analysis of a major low-angle extensional shear zone in the Nyainquentanglha Range, southern Tibet, Geological Society of America Abstracts with Programs, v. 23, no. 5, p.147.
4. With Copeland, etc., 1995, Thermal evolution of the Gangdese batholith, southern Tibet: A history of episodic

unroofing, *TECTONICS*, VOL. 14, NO. 2, PAGES 223–236, 1995

5. With Copeland, etc., 1989, Uplift of the Nyainqentanghla and the crustal thickening history of southern Tibet, *EOS*, 70:1372.
6. With Coward, M., etc., 1988, The structure of the 1985 Tibet Geotraverse, Lhasa to Golmud. *Philosophical Transactions of the Royal Society of London, Series A*, 327, 307–336.
7. With Chang, C.F., etc., 1986, Preliminary conclusions of the Royal Society and Academia Sinica 1985 geotraverse of Tibet, *Nature* 323, 501 - 507 (1986).