

JON M. PEHA

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Relevant Employment Carnegie Mellon University: Associate Professor, 10/91 - present
Joint appointment with *Department of Electrical and Computer Engineering*, and *Department of Engineering and Public Policy*. Research and teaching on both technical and policy issues of computers and telecommunication networks.

House Commerce Committee, US Congress: Legislative Fellow, 1/99 - 12/99
Handling issues before the Telecommunications Subcommittee.
(On leave of absence from university as IEEE Fellow.)

U.S. Agency for International Development: Program Coordinator, 9/97 - 8/98
Launched broad new US Government interagency program to advance telecommunications and Internet infrastructure in developing countries through appropriate policy reform and technology. Co-author of framework for Presidential Initiative on Global Information Infrastructure & Electronic Commerce. Worked with AID, FCC, NTIA, State Dept., White House. Advised foreign governments around the world on telecommunications issues. (On leave of absence from university as AAAS Fellow.)

SRI International: Computer Scientist, 9/87 - 9/91
Managed, proposed, and participated in R&D projects in Networking Group and Distributed Systems Group. Designed system architectures, developed prototype software, contributed to national standards. Areas included reliable distributed databases, local-area networks, fault-tolerant networks.

South Thames College, London England: Lecturer, 1/87 - 4/87
Taught classes in Computer Science Department.

AT&T Bell Laboratories, Holmdel NJ: Research Assistant, 5/84 - 8/84
Designed hardware and software for wireless telephone (PBX) research prototype.

Microsoft: Systems Software Engineer, 6/83 - 8/83 and 12/83 - 1/84
Developed code for the operating system MSDOS and Microsoft's Fortran compiler.

Education *Stanford University* Ph.D. Electrical Engineering, Minor in Computer Science, 6/91
Jagellonian University Diploma in Polish History and Political Science, 8/86
Stanford University M.S. Electrical Engineering, 6/86
Brown University B.A. Computer Science & B.S. Electrical Engineering, 12/84
Magna Cum Laude

Honorary/ Professional Memberships *Senior Member and Congressional Fellow: Institute of Electrical and Electronics Engineers (IEEE).*
Diplomacy Fellow: American Association for the Advancement of Science (AAAS).
Voting Member: American National Standards Institute (ANSI) Committee on FDDI.
Member: Tau Beta Pi engineering honors society, Sigma Xi science honors society,
Association for Computing Machinery (ACM), American Society for Engineering Education (ASEE),
Personal Communications Industry Association (PCIA), Society for Computer Simulation (SCS).

Consulting Since 1992 Consulted on both technical and policy issues of information technology. Clients from foreign and US government agencies, computer and telecommunications industry, patent law and consulting firms.

CMU Courses Taught Broadband Networks Medical Applications of Information Technology
Circuit Switching & Packet Switching Networking Applications in Education
The Computer: Technology & Policy Issues Packet-Switched Networks
High-Performance Manufacturing Telecommunications Policy
Intro to Electrical & Computer Engineering Universal Access to Computers and Networks
Intro to Telecommunications Networks Wireless Telecommunications*
* Winner of CMU's 1993 *Stephen Lee Award* for Best Project Course.