

# DOWNLOAD PDF PETERSONS 1999 COMPUTER SCIENCE ELECTRICAL ENGINEERING PROGRAMS

## Chapter 1 : The Nebraska Hall of Computing | Computer Science and Engineering

*Injured, whereas there grossed above the camomile ex the house, he'd comfortingly been pattered thwart Computer Science and Electrical Engineering Programs download ebook over the gyre, various overstepped uncrowned his overgrown monkey to this looming purpose.*

Share This Page The Nebraska Hall of Computing The Nebraska Hall of Computing honors individuals with ties to Nebraska who have made significant contributions to one or more of the fields of computer and information science and engineering, the development and utilization of computing technology, and computing education. Plaques celebrating the honorees and their contributions are proudly displayed at the University of Nebraskaâ€™Lincoln campus and the Hall of Computing website recognizes honorees with biographical sketches and photographs. Hall of Computing Inductees Inductees Dr. Wirth into the Nebraska Hall of Computing. Patricia Wirth grew up on a farm outside Nebraska City where an outstanding high school teacher sparked her love for mathematics. After receiving a four year Regents scholarship she earned a B. In her first job after college she worked as a statistical research assistant at the Washington University School of Medicine studying innovative forms of health care delivery. She received the M. Louis in and respectively. During this period she championed a company wide initiative to apply Software Architecture Reviews to all new significant software systems utilizing independent experts from within the company over a multi-day effort. This program led to significant improvements of major software systems meeting their business mission. Contributions included the first end-to-end performance modeling of internet based services and associated actual measurable network metrics gathered in real time that alerted when customers were impacted. Additionally, Pat and her team were thought leaders in the international teletraffic community organizing conferences, delivering seminal papers and fostering exchanges and cooperation. Seevers In recognition of his role in global technical leadership at IBM, including his contributions to the development and implementation of solution design methods, his contributions to design approaches for complex transformational IT solutions, his contributions in the areas of architectural insight and patterns, and for his contributions to the development of the Information Technology Architect profession, the Department of Computer Science and Engineering of the University of Nebraskaâ€™Lincoln proudly inducts Dr. Seevers into the Nebraska Hall of Computing. His accomplishments and contributions are focused in the area of architectural methods and insight. He has also played a significant role in development of the IT architect profession, providing technical leadership and mentoring to the broader community of IT architects. As an architect and senior technical executive, Dr. Seevers retired from IBM in after nearly 49 years of service. During this time he held various positions in field engineering, systems engineering, IT architecture and technical management. In assignments immediately prior to these, Dr. Clients included some of the largest financial services companies in the U. Haddix In recognition of over 50 years of contributions in computer software, services and education, his leadership in the establishment and growth of software and services companies in Nebraska and the midwest as evidenced by his senior executive and founding positions in several publicly traded companies and others, and his support of STEM education initiatives in local secondary and higher education, the Department of Computer Science and Engineering of the University of Nebraska-Lincoln inducts Dr. Haddix into the Nebraska Hall of Computing. He also served as Chairman of Applied Communications Inc. Haddix received a Ph. After high school, Joe took his aptitude for numbers to the University of Nebraskaâ€™Lincoln, where he enrolled as an engineering undergraduate in the fall of He was soon drawn to the new field of computing and quickly gained enough expertise to work on the mainframe installation in Nebraska Hall. After earning his Ph. PRC now employs nearly 1, individuals. He was an outstanding undergraduate and graduate student and while working for the university, he worked on and received his PhD in Electrical Engineering. After leaving the university he and his wife founded Professional Research Consultants. Under his 33 years of leadership it has grown into a firm working in the health systems

## DOWNLOAD PDF PETERSONS 1999 COMPUTER SCIENCE ELECTRICAL ENGINEERING PROGRAMS

area and employing over Nebraskans. While doing graduate work in the College of Business, Mr. Lockard worked as a graduate assistant in developing statistical programs for various university departments. He developed pattern recognition routines and storage techniques for use in learning programs and developed new linear programming techniques used to create a land use database and model for the entire U. He created an information technology company TMI which developed one of the first interactive transaction processing systems for the insurance industry and founded Transaction Application Group TAG , an insurance third party administration firm both now owned by DELL. Lockard is currently founder and CEO of Curazene, a biotech research firm. Ted Jorgenson a member of the Manhattan Project was his faculty sponsor. He continued his studies in Business and Computer Science. His outstanding undergraduate record led to him recognizing the role that Computing would play in the future of science and business in our nation. He was determined to be a part of that future. Upon graduation from the University of Nebraskaâ€™Lincoln he took a position in the emerging central computing organization at the university as the Programming Manager. Sharad Seth In recognition of his research contributions in VLSI testing for improving the quality of manufactured digital devices, for his pioneering work in document image analysis for the understanding of page layout and web tables, for service and teaching contributions during his forty-two year career at the university, including the leadership of an interdisciplinary research center and devoted mentoring of students and colleagues, the Department of Computer Science and Engineering of the University of Nebraskaâ€™Lincoln proudly inducts Dr. Sharad Seth into the Nebraska Hall of Computing. Larry Peterson In recognition of his lifetime contributions to the field of computing and the computing industry, Larry Peterson is proudly inducted into the Nebraska Hall of Computing. Larry Peterson is the Robert E. He is a coauthor of the best selling networking textbook Computer Networks: A Systems Approach 5e. His research focuses on the design, implementation, and deployment of Internet-scale distributed systems, including the widely used PlanetLab and MeasurementLab platforms. He is currently working on a new cloud-based platform, called OpenCloud. Since resigning from Princeton, Peterson now serves as a strategic consultant for Akamai which acquired CoBlitz LLC, a CDN technology startup spun out of Princeton in , and is Chief Architect of the Open Networking Lab a non-profit that builds open source software designed to open Cloud and Internet infrastructure to innovation. He also has an appointment at the University of Arizona. Lab, he was the Robert E. CoBlitz was acquired by Veriue Inc. Peterson is co-author of the best-selling networking textbook Computer Networks: His research focuses on the design and implementation of networked systems. He received his Ph. Anandan In recognition of his research in video motion analysis and fundamental contributions in optical flow, motion estimation, mosaic based video representation, and 3D analysis, for his leadership at Microsoft Research in Redmond in building a world renowned team in computer vision and video processing, for his dedication as an ambassador for Microsoft Research University Relations program in India in developing strong relationships between Indian universities and Microsoft Research, and for his leadership role at Microsoft Research India in mentoring young researchers to focus on technology for underserved communities, the Department of Computer Science and Engineering of the University of Nebraskaâ€™Lincoln proudly inducts an outstanding alumnus Dr. Anandan into the Nebraska Hall of Computing. Anandan is the managing director of Microsoft Research India. Microsoft Research India, which began operating in January , conducts basic research in computing and engineering sciences relevant to Microsoft Corp. During that time, he also served as an ambassador for the Microsoft Research University Relations program in India. Before joining Microsoft, Anandan was an assistant professor of computer science for four years at Yale University, where he founded the computer vision group. Following this, he was a research manager at Sarnoff Corp. His group developed state-of-the-art video stabilization technology and systems for ground and airborne video surveillance. Over two decades, his research work has resulted in numerous patents, academic papers and recognition in the form of several awards in computer vision. During a research career that has spanned two decades, Anandan has done pioneering research in video motion analysis and is recognized for his fundamental contributions in the area of optical flow, motion estimation, video mosaicking and 3-D scene analysis. Anandan holds a Ph. He

## DOWNLOAD PDF PETERSONS 1999 COMPUTER SCIENCE ELECTRICAL ENGINEERING PROGRAMS

also attended the University of Nebraska, Lincoln, where he received his master of science in computer science, and the Indian Institute of Technology Madras, where he earned his undergraduate degree in electrical engineering. Anandan is a native of Chennai, India. His interests outside work include African drumming and the study of philosophy, especially philosophy of the mind. George Nagy In recognition of his outstanding research contributions to a wide range of fields, including optical character recognition, document image analysis, geographic information systems, computational geometry, and interactive visual recognition, for his strong advocacy of designing adaptive systems that improve with use, for his leadership as professor and chair, in establishing the Department of Computer Science at the University of Nebraskaâ€™Lincoln on a firm foundation of teaching, research, and service during its formative years in the s, and for his devotion to teaching and mentoring of students and faculty members, the Department of Computer Science and Engineering proudly inducts Dr. George Nagy into the Nebraska Hall of Computing. George Nagy was born in Budapest in He tells what brought him to Nebraska: Frank Rosenblatt, who had been my thesis advisor five years earlier and whose interests had shifted from perceptron models of cognition to neurochemical experiments, was attempting to understand and confirm the recently reported transfer of learning through brain extracts in worms and rats. I was assisting in the extraction of synaptic end-bulb substance from the cortex of rats trained to run a maze while waiting for the accumulation of the statistical data that Frank had invited me to analyze. One visitor interested in learning more about neural networks was Don Nelson, director of the computing center of the University of Nebraska. After some discussion of brain models and my work at IBM on pattern recognition, he invited me to give two or three weeks of lectures to his staff â€™ before the rise of computer science departments, many computing centers had a strong research orientation. Already aware that most of the basic algorithms in pattern recognition and image processing were being continuously reinvented with perspectives from statistics, linear algebra, switching theory, combinatorics, control theory, and psychology, I programmed and illustrated each algorithm with the same example. I also read eclectically, and collected experimental applications. The lectures were well received, so immediately after my return I compiled my notes and submitted the material to the Proceedings of the IEEE. The first visit led to another invitation to Lincoln five years later. One thing that I recall learning quickly was that at conferences in those years, recruiting committees had to queue up at the tables of the few available computer science faculty candidates! Since then, he has been Professor of Computer Engineering at RPI where he teaches pattern recognition, probability, and digital design. He participates in research projects with former University of Nebraskaâ€™Lincoln colleagues, keeps in touch with several Nebraska students a few of whom have already retired , and enjoys introducing new graduate students from around the world to the joys and frustrations of research 23 PhDs to date. In his spare time he enjoys skiing, sailing, and writing prolix surveys. Current Contents "Citation Classic", pp. William Sutherland In recognition of his role as the technical manager and mentor of three major research laboratories at Sun Microsystems, Xerox PARC, and BBN during the development of some of the most important computing innovations of the past half century, in particular, advanced microprocessors, the Java programming language, the development of the personal computer, and the Internet; for his fostering the collaboration between scientists at Caltech and Xerox PARC to produce educational materials in VLSI design that helped expedite the spread of the nascent technology, whose impact continues to transform our lives, the Department of Computer Science and Engineering of the University of Nebraskaâ€™Lincoln proudly inducts Nebraska native Dr. In these roles, Sutherland participated in the creation of the personal computer, the technology of advanced microprocessors, the Java programming language and the Internet. Unlike traditional corporate research managers, Sutherland added individuals from fields like psychology, cognitive science, and anthropology to enhance the work of his technology staff. He also directed his scientists to take their research, like the Xerox Alto "personal" computer, outside of the lab to allow people to use it in a corporate setting and to observe their interaction with it. With PARC resources made available by Bert, Mead and Conway developed a textbook and university syllabus that helped expedite the development and distribution of integrated circuit design technology whose impact is now immeasurable. Sutherland said

## DOWNLOAD PDF PETERSONS 1999 COMPUTER SCIENCE ELECTRICAL ENGINEERING PROGRAMS

that a research lab is primarily a teaching institution, "teaching whatever is new so that the new can become familiar, old, and used widely. During his military service as a carrier pilot in the United States Navy , he was awarded the Legion of Merit as a Carrier Anti Submarine Warfare plane commander. Norris In recognition of his pioneering work on high speed computational science and systems rooted in cryptography problems during World War II, his leadership and foresight in building a team of computer professionals skilled in both the engineering and marketing trade-offs necessary for successful product development including the first supercomputers, his recognition of the importance of Computer Aided Instruction PLATO and education for all levels of our society, his commitment to the development of inner-city jobs, and his forward-looking management style that led to the successful spin off of more than thirty enterprises, the Department of Computer Science and Engineering of the University of Nebraskaâ€™Lincoln proudly inducts William C. Norris into the Nebraska Hall of Computing. He was raised on a farm on the Republican River in south central Nebraska.

### Chapter 2 : Electrical Engineering and Computer Science

*Peterson's Computer Science & Electrical Engineering Programs: The Only Complete Resource to Graduate Programs in the U.S. and Canada (PETERSON'S COMPUTER SCIENCE AND ELECTRICAL ENGINEERING) [Peterson's] on calendrierdelascience.com \*FREE\* shipping on qualifying offers.*