

Brief Resume

Angel Andres (Andy) Lopez

Professor of Computer Science, University of Minnesota, Morris. Co-owner and Vice President for Technology of Info Link Inc and co-owner and President of Info Link Wireless Inc, small ISP's serving west central Minnesota..

Addresses and phone numbers

University of Minnesota, Morris
Division of Science and Math
Morris, MN 56267
(320)589-6314

Info Link
514 Atlantic Ave (PO 349)
Morris, MN 56267
(320)589-1330

Home
5770 Burkeys LN NW
Alexandria, MN 56308
(320)846-3573

College and University Education

M.S. Computer Science, University of Arizona, Tucson, AZ 8/78 - 6/79

Ph.D. Engineering Mechanics, Michigan Tech. University, Houghton, MI 3/68 - 3/70

M.S. Engineering Mechanics, Michigan Tech. University, Houghton, MI 9/66 - 3/68

B.S. Mechanical Engineering, North Dakota State University, Fargo, ND 9/62 - 12/64

Professional Employment

1994-present Professor of Computer Science, University of Minnesota, Morris

1986 - 87, Fall 94 Acting Chair of the Division of Science and Math, UMM, Morris, MN

1983 - 1994 Professor & Director of Computing Services, UMM, Morris, MN

1988 - 1990 Senior Lecturer & Director of Comp. Services, Dept. of Computer Sci., Texas A&M Univ., College Station, TX

1970 - 1983 Assistant/Associate Professor of Math. Sci. and Director of Computer Center, UMM.

1969 - 1970 Assistant Prof. of Engineering Mechanics, Michigan Tech. University, Houghton, MI.

6/64 - 9/67 Junior Engineer (Analysis of mech. components), IBM, Rochester, MN

Professional Organization Memberships

Association for Computing Machinery and its Special Interests Groups on Computer Science Education and Data Communication. IEEE Computer Society and Computer Network. Sigma Xi

Professional Honors and Awards

Fulbright Scholar, Quito, Ecuador, Elected to Sigma Xi Research Society

Publications and Conference presentations

"A Core Course on Systems for a Liberal Arts Curriculum", A.A. Lopez, Midwest Instruction and Computing Symposium, Mt. Pleasant, IA, CD-ROM publication, April 7-8, 2006

"A Course on Introduction to Robotics: Our Experience", A.A. Lopez and Chris Olson, Midwest Instruction and Computing Symposium, Eau Claire, WI, CD-ROM publication, April 8-9, 2005

"The Performance of IEEE 802.11b in an Outside Environment", Kevin Logan and A.A. Lopez, Midwest Instruction and Computing Symposium, Morris, MN, CD-ROM publication, April 16-17, 2004

"What a difference does a lab make in teaching TCP/IP", C. Zeman, A. Lopez and D. Moll, Midwest Instruction and Computing Symposium, Duluth, MN, CD-ROM publication, April 11, 2003

- “Comparing 802.11a and 802.11b performance”, D. Moll, A. Lopez, E. Sungur and C. Zeman, Midwest Instruction and Computing Symposium, Duluth, MN, CD-ROM publication, April 12, 2003
- “Wireless LAN”, A.A. Lopez, Midwest Instruction and Computing Symposium, Waterloo, IA, CD-ROM publication, April 5, 2002
- “Enhancing an ATM Simulator”, R. Christen, J. Clawson and A. Lopez, Midwest Instruction and Computing Symposium, Waterloo, IA, CD-ROM publication, April 6, 2001.
- “Distance Learning Experience”, S. Harper and A. Lopez, Midwest Instruction and Computing Symposium, Cedar Falls, IA, CD-ROM publication, April 7, 2001.
- ”Simulation of ATM Congestion Control Algorithms”, J. Alama and A. Lopez, Small College Computing Symposium, La Crosse, WI, CD-ROM publication, thus no page #, April 15-17, 1999.
- " ATM Networks: the network of the 90's", A. Lopez, Small College Computing Symposium, St. Cloud, MN, pg 482-488, April 96
- “Electronic Data Interchange”, A. Lopez, D. Lopez and B. Schoenecker, Small College Computing Symposium, Cedar Falls, IA, pg 120-126, April 1993
- "Computer Networks: micros to mainframes" A. A. Lopez, Small College Comp. Symp., Dubuque, IA, pg 33-41, April 1988.
- "Editing Data Structures" Christopher W. Fraser and A. A. Lopez, ACM Transaction on Programming Languages Vol. 3, No. 2, p. 115-125, April 1981
- "Locating Materials Using Computer Database Technology" Craig Kissock and A. A. Lopez, The Social Studies Vol. 69, p. 207-211, Sept. 1978
- "Analysis of a Survey of Computer Science Curriculum in Small Liberal Arts Colleges: A. A. Lopez, Robert Raymond and Robert Tardiff. Communications of ACM, Vol. 20, 12 p. 903-906, Dec. 1977
- "Recruiting and Admitting Students Using System 2000" A. Lopez, D. Savela, and L. Schulz. Proceedings of the ASTUTE Conference, Austin, TX, March 1977, p. 183-202
- "Man and the Computer" A. A. Lopez. Proceedings of the Fifth Conference on Computers in the Undergraduate Curriculum, Pullman, Washington, June 1974, p. 321-324

Public Service Activities

Member of the Minnesota Power Plant Siting Advisory Committee, Vice-President of Country Day Nursery, Secretary of Morris-Hancock Flying Club, Officer of Home and School Association, Assistant Scout Master, Boy Scout Troop No. 467, Leader of 9th Grade Confirmation Class, Member of the Stevens County Technology Transfer Task Force, Member of the Small College/Midwest Instruction and Computing Symposium Steering Committee, President of MICS 1999-2002.
 Computer Science/Computer Information Science Program Evaluator Clarke College, Dubuque, IA.
 Computing Services Evaluator St. Cloud State University, St. Cloud, MN and Eastern New Mexico University, Portales, NM.

References

Available upon request