Scott Cutler

Department of Computer Science, Rice University
Houston, Texas 77005

Professional Preparation

- Ph.D. 6/76, M.S. 6/73, B.S. 6/73 Massachusetts Institute of Technology, Department of Electrical Engineering and Computer Science.
- Doctoral minor in Management at the MIT Sloan School of Management.
- Ph.D. thesis: "Microcomputer Networks in Control Applications"

Rice University Appointments

2001 - Rice University

Distinguished Professor of Practice in Computer Technology, Department of Computer Science.

- Joint appointment in the Department of Electrical and Computer Engineering
- Research in the areas of smart consumer devices
- Teach graduate course COMP 694 / ELEC 694: "How to be a CTO"
- Teach COMP 446 / ELEC 446 "Mobile Device Applications"
- Computer Sciences Major Advisor (2013 -)
- Duncan College Engineering Divisional Advisor (2009 – 2012)
  - 2011 Outstanding Duncan Faculty Associate
  - 2012 Office of Academic Advising Faculty Award for Excellence in Advising
- Rice Faculty Senate 2012 - 2018
- Rice Faculty Senate Executive Committee 2017-2018
- Created Schedule Planner used by over 3,500 Rice students to plan their course schedule
- Active on University committees including parking, mobile presence

BUSINESS EXPERIENCE (Prior to joining Rice University)

1998 - 2001 Compaq Computer Corporation

VP and Chief Technology Officer, Advanced Technology

- Drove Compaq's wireless technology strategy

VP and Chief Technology Officer, Commercial PC Products Group

- Conceived and then brought to market the first iPAQ computer. It finished its first year of production at a $1B run rate and was the fastest product to reach 100,000 units.
- Chaired Compaq Patent Committee

1995 - 1998 Digital Equipment Corporation *(Acquired by Compaq in 1998)*

VP and Chief Technology Officer, NTSBU (Digital's PC Business)

- Technical lead on strategic activities inside and outside the company.
- Development of the NTSBU technical community including patents and senior promotions.
- Technical exec on NTSBU management team and senior corporate technology committee.

VP and GM, Network Computing Segment, NT Systems Business Unit (NTSBU)

- Temporary additional role (July '97 to Oct '97) to define strategy and get business running
- Develop PC products related to thin clients.

1990 - 1995 Chips and Technologies *(Acquired by Intel in 1997)*

Vice President, Software Technology, Member of Executive Staff (3/90 - 1/95)

- Identify and develop new chip architectures optimized for Windows and Windows NT.
  - Wingine - First cost effective high performance Linear Frame Buffer graphics for Windows.
  - Printgine - First commercial implementation of Enhanced Capabilities Printer Port (ECP).
- Head of MIS - Apply client server technology to company MIS and sales forecast systems.
- Created strategic vision to focus company around portable graphics market.

1984 - 1990 Tandy Corporation

Vice President, Tandy Computers Software Design (8/87 - 3/90)
Senior Director, Software (10/84 - 8/87), Director, Systems Software (4/84 - 10/84)

- Provided systems software (DOS/Windows, Utilities, BIOS, Network) for over 20 Tandy computer models and numerous domestic and international-language versions of computers OEMed to GRiD, DEC, Panasonic, InterTan and American Airlines.
- Developed the DeskMate family of products including DeskMate, SchoolMate, DeskMate WorkGroup Companion (network version).
- DeskMate runtime became the industry standard MS-DOS low-end graphical user interface in the late 1980's. Significant DeskMate applications included the first graphical version of Lotus 123, the first graphical version of Intuit's Quicken and TandyLink online community, which later grew into America Online when it was ported to Microsoft Windows.

1976 - 1984 General Electric, Corp. R&D

Manager, Video Systems (1/82 - 4/84)
Manager, Microcomputer Systems (4/81 - 12/82)
Manager, Microcomputer Controls (1/80 - 3/81)
Electronics Engineer (6/76 - 1/80)

- Responsibilities at GE covered numerous applications of microprocessors and custom integrated circuits ranging from Large Steam Turbines to residential ovens and microwaves.
- 7 issued patents ranging from algorithms for cooking meat to remote diagnostics to video signal processing.
- Developed high definition TV and Cable TV bandwidth compression systems.
- Chairman of 3500 member internal Electrical Engineering organization.
- Attended GE's 4 week Management Development Course in Crotonville, NY.

1979 - 1986 Infocom *(Acquired by Activision in 1986)*

Co-founder while still at General Electric

- Responsible for development of microcomputer system software used by Infocom games.
- ZORK family sold over 1,000,000 copies and is still in production over 20 years later..

1969 - 1976 MIT, Laboratory for Computer Science

- Various teaching and research positions throughout schooling.
- Research areas were operating system design, microcomputer networks and computer graphics.

PERSONAL

- Houston Symphony Orchestra, Governing Board of Directors (1999 – 2016)
- Woodlands Salon Series, Executive Director (www.WoodlandsSalonSeries.org)
- Private Pilot, Instrument Rated
- E-Mail: cutler@rice.edu; cutler@alum.mit.edu