

# William M. Coughran, Jr.

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## PROFILE

Business and technology executive with expertise in web services and computer systems as well as experience working as a researcher / technologist.

## EXPERIENCE

**Sequoia Capital, Menlo Park, CA 2011 present**

Partner and coach to help founders build engineering-centric product companies.

**Corporate Advisor, Google, Mountain View, CA 2011 2015**

**Senior Vice President, Research and Systems Infrastructure, Google, Mountain View, CA 2011**

**Senior Vice President, Engineering, Google, Mountain View, CA 2007 2011**

**Vice President, Engineering, Google, Mountain View, CA 2004 2007**

**Senior Engineering Director, Google, Mountain View, CA 2004**

**Engineering Director, Google, Mountain View, CA 2003 2004**

At various points, responsible for engineering of Google's CIO organization, desktop clients, research, search, security, You Tube, and systems infrastructure. On Google's executive committee, most of the period.

**CEO, VP of Engineering, Director & Founder, Entrisphere, Santa Clara, CA 2000 2002**

With co-founder conceived converged access system. Secured two rounds of funding. Grew team to 95. Delivered first product with less than \$12M; delivered product to trials. Recruited new CEO; transitioned to COO and then VP of Engineering role. Company later sold to Ericsson.

**Bell Labs Research Silicon Valley Senior Vice President, Lucent Technologies, Palo Alto, CA 1998 2000**

Responsible for creating R&D organization focused on new business creation including a converged "softswitch" and access system as well as quality-of-service and network-monitoring businesses.

**Computing Sciences Research Center Vice President, Bell Labs, Lucent Technologies, Murray Hill, NJ 1996-1999**

**Head, Scientific Computing Research Department, Computing Sciences Research Center, Bell Labs, Lucent Technologies, Murray Hill, NJ 1993-1996**

**Member of Technical Staff, Scientific Computing Research Department, Computing Sciences Research Center, Bell Labs, Lucent Technologies, Murray Hill, NJ 1980-1993**

Responsible for broad computer science research and product efforts including embedded software systems, protocol analysis, languages and tools, wireless and fiber-optic modeling, and next-generation access platforms. Algorithms research and development of semiconductor devices and circuits simulators, programming languages, visualization, and distributed systems.

**Internet Software Vice President / Chief Technical Officer, Communications Software Group, Lucent Technologies; Liberty Corner, NJ 1997-1998**

Responsible for security appliance business.

**Programmer/Analyst, Office of Personnel Services, California State University, Los Angeles 1973-1974**

Designed and developed a personnel database system.

**Applications and Systems Programmer, Computer Center, California State University, Fresno 1969-1972**

Developed student grade processing and transcript system.

## **EDUCATION**

Stanford University, Palo Alto, CA Ph.D. in Computer Science, 1980; M.S. in Computer Science, 1977

California Institute of Technology, Pasadena, CA B.S. (with honors) & M.S. in Computer Science, 1975

## **ACTIVITIES**

Boards and advisory groups: Caltech Information Science and Technology Council (2012-present), TheatreWorks (2012-present), Blue Danube Labs (2013-present), San Francisco Opera (2013-present), Institute for Pure and Applied Mathematics, UCLA (2013-present), Luminate Wireless (2013-present), Cohesity (2013-present), Docker (2014-present), Orbital Insight (2014-present), Tensyr (2015-present). Previously, served on other boards (e.g., Clearwell Systems, Metaswitch Networks, Metanautix, Altiscale, Wavefront, FireEye), editorial bodies, and program committees. Past adjunct or visiting faculty positions at Duke University, Swiss Federal Institute of Technology (Zürich), and Stanford University.