



Bradley P. Allen

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- Overview** **A serial entrepreneur who builds and leads** teams in the design, development, launch and operation of innovative Web businesses. Currently leading R&D at Elsevier, the world's largest publisher of medical and scientific information.
- Education** **Carnegie-Mellon University**, B.S., Applied Mathematics, 1982.
- Experience** **Elsevier B.V., Vice President, Elsevier Labs**, 2009 - present. Leads Elsevier Technology Services' research and development efforts, helping groups within Elsevier plan, design, and build advanced technologies into products in support of Elsevier's strategic plans.
- Symantec Corporation, Director, Development**, 2009. Managed the Revolution Solutions Team in the Security Technology and Response Group, delivering the Quorum reputation-based security technology for the 2010 Norton Internet Security and Norton AntiVirus releases.
- Siderean Software, Inc., Founder and CTO**, 2001 - 2008. Led company as CEO from founding until raising a first venture round in 2004. A semantic search company, Siderean was recognized in 2007 as a visionary in Gartner's Magic Quadrant for Enterprise Information Access and as one of KM World's "100 Companies That Matter in Knowledge Management."
- TriVida Corporation, Founder and CTO**, 1997 - 2001. Created technology and led product development at a web site cross-sell/up-sell personalization software-as-a-service startup. TriVida was sold to Be Free, Inc. (now ValueClick, Inc.) in March 2000.
- Limbox Corporation, Founder and CTO**, 1995 - 1996. Designed and led the development of WebCompass, an Internet search assistant that won Byte Magazine's Best Of Show award at COMDEX Fall '95. Limbox was sold to Quarterdeck Corporation (now Symantec Corporation) in August 1996.
- Inference Corporation, Vice President, Applications Development**, 1991 -1995. Created CBR Express, the first case-based problem resolution solution for the CRM market. Inference became a public company in June 1995.
- Director of Advanced Technology**, 1987 - 1991. Managed a profit center conducting research projects funded by NASA and DARPA. **Senior Computer Scientist**, 1984 - 1987. Principal member of the team that designed and developed ART, one of the first commercial expert system development environments.
- Robotics Institute, Carnegie-Mellon University, Senior Research Programmer**, 1982 - 1984. Designed and developed knowledge-based scheduling systems and frame-based knowledge representation languages at the Institute's Intelligent Systems Laboratory.

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- Recent Talks**
- Defrag 2008, Denver, CO, 11/4/2008: Panel on “Next-level Discovery: Open Search, Semantic Search, etc.”
- Amazon Web Services Start-Up Event, Los Angeles, CA, 9/9/2008: “Siderean and Amazon Web Services.”
- Enterprise Search Summit, New York, NY, 5/21/2008: “Navigation Through Social Computing.”
- Enterprise Search Summit, New York, NY, 5/20/2008: Panel on “Social Work: Is Social Search Right for the Enterprise?”
- Infonortics Search Meeting, Boston, MA, 4/28/2008: “Relational Navigation Brings Social Computing And Semantic Technology To The Enterprise.”
- U.S. Patents**
- 7,146,362. Method and apparatus for using faceted metadata to navigate through information resources.
- 6,078,918. Online predictive memory.
- 5,852,814. Autonomous learning and reasoning agent.
- 5,586,218. Autonomous learning and reasoning agent.
- 5,581,664. Case-based reasoning system.
- Refereed Publications**
- Bradley P. Allen, Valery A. Petrushin: Searching for Relevant Video Shots in BBC Rushes Using Semantic Web Techniques. Proceedings of the TRECVID 2005 Workshop.
- Bradley P. Allen, Joseph T. Tennis: Building metadata-based navigation using semantic Web standards: the Dublin Core 2003 Conference Proceedings. Proceedings of the 2004 Joint ACM/IEEE Conference on Digital Libraries: 411.
- Brad Allen, John Jensen, Jay Nelson, Brian Ulicny, Kristina Lerman, Linda Rudell-Betts: WebCompass: an agent-based metasearch and metadata discovery tool for the Web. SIGIR '96: 339.
- Bradley P. Allen: Case-Based Reasoning: Business Applications. Communications of the ACM 37(3): 40-42 (1994.)
- Bradley P. Allen, S. Daniel Lee: A Knowledge-Based Environment for the Development of Software Parts Composition Systems. ICSE 1989: 104-112.
- S. Daniel Lee, Bradley P. Allen: Deploying expert systems in Ada. TRI-Ada '89: 181-190.
- Bradley P. Allen, J. Mark Wright: Integrating Logic Programs and Schemata. IJCAI 1983: 340-342.
- Mark S. Fox, Bradley P. Allen, Gary Strohm: Job-Shop Scheduling: An Investigation in Constraint-Directed Reasoning. AAAI 1982: 155-158.