

Chris Furmanski, Ph.D.

chris@furmanski.net • <http://furmanski.net> • 650.704.2894 • Palo Alto, CA

Overview

I am a multifaceted research manager with extensive business experience. I ...

- Specialize in user testing, leading small teams, & project management, with a focus on human-computer interaction
- Have excellent communication skills, published over 30 papers & work equally well with management & engineers

Recent Experience

- **CEO, Founder** Cuvud Technologies, Palo Alto, CA 1/05-present
Started innovative e-commerce startup; brought award-winning personalized DVD product to market
 - Built company from the ground up; led every major technical & business effort
 - Designed a premium web service & automated on-demand DVD publication architecture---
TotByMe.com converts customers' photos into personalized educational videos over the web
 - Generated patents, product, website, interface, marketing campaigns & corporate partnerships
- **Director, Science and Research** Epoch Innovations, San Francisco, CA *(a Clarium-funded company)* 7/04-1/05
Led research for fast-paced startup that created retail technology to lessen the effects of dyslexia
 - Created detailed project-management plans with budgets for two-years of R&D that synthesized software development, QA/QC, production, business development, & retail business
 - Simultaneously managed numerous onsite, remote, and international science initiatives and crafted field-testing protocols, management presentations, investor presentations, & white papers
 - Developed new software version release, data analysis techniques, and testing protocols
- **Research Computer Scientist** HRL Labs, Malibu, CA 6/00-6/04
Research scientist in advanced-research aerospace company serving large corporations (Raytheon, GM), and government/military agencies (Department of Defense/DARPA, Armed Services)
 - Developed AI for unmanned vehicle guidance & adaptive scheduling for Raytheon that was central to multi-million dollar DoD Architectures for Cognitive Information Processing program
 - Project managed multiple research efforts in parallel, raised & managed ~\$2M in research funds, generated budgets, IP, & led multidisciplinary teams on aggressive one year funding cycles
 - Created evaluation methodologies for analyzing and visualizing web usage for DARPA Human-Computer Symbiotes Consortium for Intelligent Collaboration & Visualization program
 - PI for DARPA Integrated Cognition seedling program aimed at developing next-generation software architectures of cognitively-inspired intelligent agents
 - Led teams on numerous other research projects including human-computer interfaces for multi-dimensional air-traffic controller displays & tools to improve situational awareness in vehicles
 - Generated a new line of experimental research on view management for next-generation uses of Augmented Reality interfaces
- **Graduate Student & Postdoctoral Fellow** UCLA, Los Angeles, CA 9/95-12/02
Mastered experimental design, user-testing methods, technical writing & neuroimaging (fMRI)
 - Setup and managed a research laboratory of 6 graduate students, programmers, and analysts
 - Taught lecture and lab courses on experimental design, and lecture sections
 - Created Fourier-based techniques for analyzing and displaying multi-gigabyte data sets
 - Published 6 high-profile papers, 6 invited-talks, 12 conference presentations, & won numerous awards

Education

- **Ph.D., M.A., Cognitive Psychology** UCLA, Los Angeles, CA 9/95-6/01
 - Studied behavioral and neural effects of practice on viewing briefly presented computer images
- **B.S., Psychobiology** UCLA, Los Angeles, CA 9/90-6/94

Miscellany

- **Website:** <http://furmanski.net> • **Blog:** <http://babythoughts.com> • **Hobbies:** bonsai, golf, board sports, wine

References, academic curriculum vitae, or copies of publications available upon request or at <http://furmanski.net>