

HENRY L. JONES II

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EDUCATION

Doctor of Philosophy, Aeronautics and Astronautics, April 2003

Stanford University, Stanford, California

Thesis: An Object-Based Interaction Framework for the Operation of Multiple Field Robots

Master of Science, Aeronautics and Astronautics, June 1996

Stanford University, Stanford, California

Bachelor of Science (*summa cum laude*), Mechanical Engineering, May 1995

University of Mississippi, Oxford, Mississippi

EXPERIENCE

Chief Technology Officer, October 2006 – present

Director of Research and Development, January 2005 – October 2006

SmartSynch (<http://www.SmartSynch.com>), a wireless technology provider to the energy industry

- Responsible for creating and communicating corporate strategic direction
- Manage key company relationships with Siemens, Motorola, Microsoft, and Cisco
- Lead network and data management engineering team
- Crafted and executed the company's first comprehensive intellectual property strategy
- Supported CEO in developing relationships with Members of Congress and their staff

Founder & Chief Technology Officer, June 2003 – present

LumiMap (<http://www.LumiMap.org>), a non-profit social venture

- Developed a set of mapping technologies to address humanitarian relief coordination challenges
- Established sustainable non-profit business model based on comparables and customer feedback
- Nurtured relationship with World Vision International, the world's largest private aid organization, from the initial prototype demonstration to a collaborative proposal to jointly deploy our technology
- Secured in-kind grants of software and services totaling \$120,000 to enable a fully-functioning service offering with minimal capital

Director of Information Products, April 2003 – June 2004

MLB Company (<http://www.spyplanes.com>), a manufacturer of small unmanned air vehicles (UAVs)

- Expanded product line from one to four offerings within an evolving regulatory environment
- Transformed company marketing efforts, including website structure and content redesign (from 6 pages to 48 pages), creation of brochures and press packets, and revision of multimedia presentations
- Created comprehensive cost and pricing models that enabled better sales decisions, highlighted unforeseen cost drivers, and identified opportunities for new sales growth

PhD Thesis Research and Development, June 1998 – February 2003

Aerospace Robotics Laboratory, Stanford University (<http://ARL.stanford.edu>)

- Integrated research from three diverse fields to create a human-robot interaction framework that enables one person to operate multiple complex robots at the same time
- Documented the practices of police SWAT commanders and developed a new model for the coordination of a team of multiple remote agents, whether human or robotic
- Dissertation: An Object-Based Interaction Framework for the Operation of Multiple Field Robots

Founder & Chief Technology Officer, January 2000 – September 2001

Forest One, Inc. (<http://www.ForestOne.com>), a provider of mapping technology and services

- Raised \$1,000,000 in first-round seed capital and a subsequent strategic investment of \$250,000
- Designed a new analysis method for providing on-demand satellite image processing to the forest products industry and led a three-person team in the deployment of a web-based analysis product