

Steven Pixton

Career Summary Mr. Pixton has significant experience in systems engineering and software development, database design, and GIS.

Experience

2006-Present Sensor Design Group, LLC., Houston, TX
Senior Software Engineer

2005-2006 Terrapoint USA, Inc., The Woodlands, TX
Electronics Design Engineer

2002-2005 Compass Systems, Inc., Lexington Park, MD
Senior Systems Engineer

2002 Public Safety Group of Bizcom USA, Lexington Park, MD
Programmer

1995-2002 Veridian Systems, Lexington Park, MD
Computer Scientist

1994-1998 InfoLink Technologies, Lexington Park, MD
Freelance Programmer, part-time

1994-1995 Booz - Allen & Hamilton, Tyson's Corner, VA
Senior Consultant

1991-1994 InfoLink Technologies, Lanham, MD
Technical Support Manager

Key Skills Full lifecycle software development, database design and development, geographic information systems design and development, digital hardware design and development.

Education 1991 Bachelor of Science in Electronics Engineering
Technology, Brigham Young University, Provo, UT

Memberships Institute of Electrical and Electronics Engineers (IEEE)

Major Projects **UAV Communication Link**
Team Lead

Led a team in the development of a communications and control system for UAVs. The system integrated an autopilot, satellite communications, video, line-of-sight communications with custom hardware and software. Pilots flew the UAV manually when the UAV was in LOS, and when the UAV was OTH, the pilot monitored its status via satellite link.

Airborne Chemical detector

Team Lead

Designed and built a war gas detector for use on a UAV using COTS and custom hardware and software. The complete system detected nerve agents and blistering agents, and reported their presence in real-time.

911 Dispatch system

Senior Developer

Developed 911 dispatch system to replace old systems for a military base. Designed and developed database to support system, developed user applications

First Responder Application

Senior Developer

Developed application to provide information to fire and police when responding to an emergency. Development involved integrating maps, hazardous chemical information, fire response plans and other information into a mobile application to quickly give the user the ability assess an emergency situation.