

# David Royer

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## Education:

BSBA Management Information System (MIS), Magna Cum Laude, Auburn University  
AAS Information Systems, Community College of the Air Force

## Experience and Skills:

**April 2010 – Present**

**Unit Technology Manager**

**Building Science (BSCI) Auburn University**

- Provide endpoint technical support for faculty, staff, students and graduate students, which includes analyzing and solving complex computer issues with systems and applications including student owned and university owned equipment
- Build, maintain, and deploy images for laboratory computer equipment using Acronis and other ghosting methods
- Maintain mobile device management (MDM) and encryption on all mobile devices to include personal identifiable information (PII) scanning on all mobile devices
- Provide recommendation, procurement, installation, and technical support for classroom and conference room audio visual systems. Specifically, the conference rooms and technology classrooms
- Provide research, vetting, and procurement of software and renewal scheduling to ensure seamless software between semesters
- Provide onsite IT technical support for construction management teams when they travel for competition
- Provide advanced level technical support for distance programs such as Army Corps of Engineering (ACOE) a distance learning group
- Responsible for developing, maintaining, and advising the School Head of the BSCI technology budget which encompasses strategic (3-year plan) and day to day technology budget items which includes procurement of all technology items
- Responsible for procurement, installation, and configuration of 3D modeling equipment which includes 3D printers, augmented reality (AR) and virtual reality (VR) headsets
- Manage a staff of undergraduate student assistants to maintain continuity in the office at all times
- Provide and upgrade print media stations including high volume printers and large profile printers (plotters)

**March 1994 – April 2010**  
**Engineering Technician**

**Space Research Institute (SRI) Auburn University**

- Provide advanced level professional technical support for engineers in research & teaching shops/laboratories at SRI
- Write instrument control and data collection programs using Microsoft Visual Studio and National Instruments Labview
- Design and development of research projects using Solidedge computer aided drafting software (CAD) software and EZ Link computer aided machine software (CAM)
- Assist others at SRI with computer issues; knowledgeable in university computer software products Groupwise, Banner, Tivoli backup, Norton Ghost, and Sophos antivirus
- Installed & configured computer/electronic control systems such as National Instruments Field Point systems
- Designed, wrote and maintain the website for SRI <http://sri.auburn.edu> using multimedia products including Dreamweaver, Photoshop, Flash, and Newtech Videotoaster
- Maintain the computer network and computer systems including acquiring, installing, and configuring operating systems and application specific software
- Assemble and maintain special purpose laboratory vacuum equipment, specifically diffusion pumps, cryogenic pumps, turbo molecular pumps, mechanical pumps, ion gauges, convectron gauges, and thermoelectric gauges

**April 1988 to March 2017**  
**Air Transportation Superintendent**

**U.S. Air Force Reserve 908<sup>th</sup> Air Wing**

- Manager of Standard Evaluations & Quality Control program (SEQC)
- Facilitator of the Air Force Senior Non-Commissioned Officer Leadership Course (SNCOLC)
- Deployed to Al Udied AB Qatar as ramp services non-commissioned officer in charge supporting Operations Iraqi Freedom, Enduring Freedom, and Horn of Africa (OIF,OEF,HOA)
- Deployed to Al Dhafra AB UAE as air freight superintendent in support of OIF,OEF,HOA
- Ensure all sections within the aerial port comply with regulations and standards
- Rigger qualified able to rig loads and parachutes for extraction systems
- Drop zone recovery chief in charge of recovery operations at the drop zone

**January 1993 – March 1994**  
**Field Service Specialist**

**Eastman Kodak/IBM**

- Interfaced with store management concerning point of sale systems
- Provided information systems support for computer store systems
- Installed components and maintained software of AS/400, RISC 6000, and PC store systems
- Installed and maintained peripheral devices to including printers, scanners, keyboards, and other related input/output devices
- Maintained test equipment and an inventory of replacement parts

**October 1989 – January 1993**  
**Senior Engineering Technician**

**Schlumberger Industries**

- Wrote Microsoft Basic test programs to test printed circuit boards built in house
- Installed and evaluated radio frequency (RF) systems for remotely reading water meters
- Provided engineering support and feedback from customers to the design engineering staff for the research and development of meter reading systems
- Installed and evaluated “tap and ring systems” for reading water meters via telephone lines
- Built and evaluated prototypes from blue print drawings and specifications
- Created a database of customer repairs that positively influenced quality

**May 1984 – March 1988**  
**Telecommunications Specialist**

**U.S. Air Force Active Duty**

- Managed personnel and equipment for optimum use to complete the mission
- Installed and maintained peripheral devices to including printers, optical character readers (OCR), teletypes , cryptographic equipment, magnetic tape drives, and other related devices
- Top Secret-SCI clearance granted 1984
- Operated mobile video and audio uplink/downlink exchange via the Automatic Digital Network (AUTODIN), this was the original internet for the Department of Defense’s (DOD)
- Provided secure communications support for voice communications using the Automatic Secure Voice Network (AUTOSEVOCOM)

**Other Achievements:**

- 2018 – Attended Educause
- 2018 – Attended Virtual Machine World
- 2010-17 – AF Senior Non-Commissioned Officer Leadership Course (SNCOLC)  
Instructor – teaching leadership, motivation, creativity, and communication to Air Force Senior Non-Commissioned Officers
- 2016 – Mac OS X 10.11 training
- 2016 – Trained and certified Oracle P6 Primavera
- 2010 – Attended Educause
- 2010 – Windows 7 certified (MCTS Exam 70-680)
- 2003 USAFR Senior Non-commissioned Officer Academy
- 2002 Auburn University (AU) Dreamweaver Web Design Class
- 2001 AU Spirit of Excellence Employee Award SRI
- 2000 USAFR 25<sup>th</sup> Aerial Ports Squadron/ 908AW outstanding performer
- 1996 USAFR Fabrication of Aerial Delivery Loads (riggers school)
- 1996 USAFR Non-Commissioned Officer Academy
- 1993 IBM Point of Sale Computer Systems Training
- 1989 FCC Certification with Radar Endorsement