

# Jonathan R. Mattox

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## **SPECIAL SKILLS & ACCOMPLISHMENTS**

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### **CLEARANCE**

**Active Secret Security Clearance**                      Granted by DISCO                      2007

### **SOFTWARE SKILLS**

Oracle 10g	Adobe Dreamweaver	Microsoft Word
ColdFusion	Adobe InDesign	Microsoft Excel
HTML, XHTML	Adobe Photoshop	Microsoft PowerPoint
C/C++	Adobe Illustrator	Microsoft Access
C#	Adobe Flash	Visual Basic
UNIX/Mac OS X	Autodesk SketchBook Pro	OSI Model Protocols
Quest Software Toad for Oracle	Quark Xpress	TCP/IP Routing & Switching

## **PROFESSIONAL EXPERIENCE**

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TELEDYNE TECHNOLOGIES, Huntsville, AL

### ***GROUND-BASED MIDCOURSE DEFENSE (GMD) PROGRAM DATABASE MODULE ADMINISTRATOR, 2009 – Present***

Actively participate in a group that maintain existing modules and develop new features in accordance with management specifications on a GMD program-wide web-based database application tool composed of SQL, HTML/XHTML, Adobe ColdFusion, and JavaScript with an Oracle 10g back-end.

- Document relational database features through a data dictionary and entity-relationship (er) diagrams
- Refine existing module features and develop new ones based up user and management feedback
- Creatively employ good design techniques through proper use of color, space, and unity for an aesthetically pleasing graphical interface

Managed components in PCIL (Prime Consolidated Integration Lab) at Boeing, supporting GMD (Ground-based Midcourse Defense) Program executing simulations on Embedded Test (ET), lead Component in the PCIL.

- Supported the following test events: FTX-03 PFR, GTF-03b, FTG-03a PFR, FTG-04 (SIT and LIT), FTG-05 PMT, and FTG-06 PMT. Support included integration runs, regression runs, War Fighter runs, and Runs-for-Record.
- Coordinated integration of PCIL lab components into lab-to-lab testing with facilities in the Missile Defense Integration and Operations Center (MDIOC) in Colorado Springs, CO and Woburn, MA.
- Supported the integration of ET with various components including Ground-based Midcourse Defense Fire Control and Communication Team (GFC/C), Ground based interceptor (GBI), Command Launch Equipment (CLE), and radar components such as the X-Band Radar (XBR/SBX), and Upgraded Early Warning Radars (UEWR).

### ***HUNTSVILLE HOSPITAL VOLUNTEER GRAPHIC DESIGN, 2006***

Generated internal publications and public relations material for children's educational program.

## **EDUCATIONAL BACKGROUND**

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**Bachelor's of Science in Computer Science, Minor in Networking, Athens State University, 2010**

**Bachelor of Arts in Graphic Design, Minor in Business Administration, University of Alabama Huntsville, 2004**