

**MICHAEL SMITH**

**Current Address:** Available Upon Request  
**E-mail:** employ@logic13.com

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**EDUCATION:** **University of South Florida**, Tampa FL

- M.S. Electrical Engineering (2002)

**Mississippi State University**, Starkville MS

- B.S. Electrical Engineering (1999)

**Mississippi School for Mathematics and Science**, Columbus MS

- National Merit Finalist

**WORK**

**EXPERIENCE:**

**Active DataComm, Inc.**, Tupelo, MS

*Web and Database Developer / Graphic Designer / Technician:* July 2006 - Present

- Web Site Design, Development, and Implementation
- Graphic Design, Digital Image Manipulation, and Typesetting
- FileMaker Pro Database Development, Support, and Maintenance
- PC / Network Support, Hardware / Software Installation, Configuration

**The Northeast Mississippi Trader Newspaper**, Shannon MS

*Typesetter / Graphic Designer / PC, Network Administrator:* Fall 2003 - Present

- Typesetting, Graphic Design, and Digital Image Processing
- PC, Hardware, Software, and Network Support / Administration

**EyeAd, Incorporated**, Tupelo MS

*Information Technology Director:* June 2004 - March 2007

- Local and Remote Computer and Multimedia Network Design, Implementation, and Administration
- Long Distance IP-Based Data and Multimedia Transfer

**Link-Systems International, Inc.**, Tampa FL

*Content Developer:* December 2002 – June 2003

- Conversion of Static Internet-Based Quizzes into Randomized Versions using CGI, LaTeX, HTML, XML, and Proprietary Scripting Languages

**Nanomaterials and Nanomanufacturing Research Center**, Tampa FL

*Webpage Developer:* January 2003 - May 2003

- Webpage Design / Development, Graphic Design, and Document Integration
- HTML, PERL, JavaScript, and SSI Development and Integration

**University of South Florida**, Tampa FL

*Graduate Research Assistant:* January 2002 - December 2002

- Webpage Design and Maintenance, Internet Publishing, Graphic Design, Content Acquisition, and Document Integration
- Semiconductor Processing and Characterization Equipment Use, Maintenance, and Automation Software Authoring

**Emerging Materials Research Laboratory**, MSU MS

*Laboratory Manager:* January 2001 - December 2001

- Assist in the Supervision of Graduate Research Assistants and the Assignment of Responsibilities for EMRL
- Si / SiC Device Design and Processing, Including Growth of SiC Thin Films, Oxidation, Photolithography, Metal Deposition, and Device Testing

- PUBLICATIONS, CONFERENCES:** T. E. Schattner, J. B. Casady, M. C. D. Smith, M. S. Mazzola, V. A. Dimitriev, S. V. Rentakova, and S. E. Saddow,  
"4H-SiC device scaling development on repaired micropipe substrates"  
1999 International Conference on SiC and Related Materials (ICSCRM)
- M.C.D. Smith, J.B. Casady, M.S. Mazzola, S. E. Saddow, P.B. Shah, and M.C. Wood,  
"Processing effects of controlled n-type and p-type doped silicon carbide (SiC) epitaxy for use in dual-gate junction field-effect transistors (JFETs)"  
2000 Electronic Materials Conference (EMC)
- S. E. Saddow, Troy Elkington, and M. C. D. Smith  
"Reduced micropipe density in boule-derived 6H-SiC substrates via H etching of seed crystals"  
2001 International Conference on SiC and Related Materials (ICSCRM)
- S. Ostapenko, M. C. D. Smith, I. Tarasov, J. T. Wolan, M. Mynbaeva, J. Goings, J. C. P. McKeon, and S. E. Saddow  
"Scanning acoustic microscopy in porous SiC"  
2001 International Conference on SiC and Related Materials (ICSCRM)
- M. C. D. Smith, P. B. Shah, B. Dufrene, J. B. Casady, B. Blalock, and S. E. Saddow  
"Dual-gate 4H-SiC JFET development"  
2001 International Conference on SiC and Related Materials (ICSCRM)
- M. C. D. Smith, S. E. Saddow, M. Mynbaeva, K. Kirschner, M. Erwin, Y. Koshka, V. Dimitriev, and C. E. C. Wood,  
"Growth of silicon carbide (SiC) epitaxial layers on porous surfaces of varying porosity"  
2001 European Materials Conference (EMRS)

**ACTIVITIES:**

**Web Page Design and Development**

- Developing Web Pages for Local Companies, Musicians, and Organizations

**Music**

- Drummer for Musical Group DownStroke, Various Other Bands; *Flavor's in the Groove Records* Releases Include: *Edna's Cafe* and *DownStroke*
- Toured the UK and The Netherlands with Tulgey Wood

**Programming**

- Open Source Freeware: MayaTron, a Mayan / Gregorian Calendar Converter

**Scouting**

- Eagle Scout and National Eagle Scout Association Member Since 1988

**COMPUTER SKILLS:**

**Software Tools**

- POV, Adobe Photoshop, Dreamweaver, MS Office, Adobe Acrobat/Distiller, Quark Xpress, Sony Vegas / DVD Architect, FileMaker Pro

**Languages and Scripts**

- MS Visual Basic, PERL, SSI, JavaScript, POV, HTML, XML, LaTeX

**Operating Systems and Environments**

- UNIX, LINUX, XWindows, DOS, OS/2, OS/2 Warp, Microsoft Windows 3.1, '95, NT, '98, 2000, ME, XP, Vista

**Computer Networking**

- Wired and Wireless Network Design and Implementation
- Remote Support and Connectivity via RDP, VNC, and VPN

**OTHER WORK  
EXPERIENCE:**

**Mississippi Center for Advanced Semiconductor Prototyping, MSU MS**

*Graduate Research Assistant:* June 2000 - December 2000

- Silicon and Silicon Carbide Device Design / Fabrication / Testing
- Cleanroom Maintenance and Procedures

**Emerging Materials Research Laboratory, MSU MS**

*Undergraduate / Graduate Research Assistant:* February 1999 - December 2000

- Silicon (Si) and Silicon Carbide (SiC) Device Design / Fabrication
- Cleanroom Procedures, Equipment Design, Setup, and Maintenance

**T.K. Martin Center for Technology and Disability, MSU MS**

*Webmaster / Technology Specialist:* October 1998 - August 1999

- Webpage Design, Development, and Maintenance, Internet Publishing
- Specification, Procurement, Assembly, and Installation of Computer Systems
- Technical Support for T.K. Martin Center and Project STAR Schools

**International Business Machines (PC Company), Research Triangle Park NC**

*Product Specialist:* May 1995 - August 1995, January 1996 - May 1996,  
August 1996 - December 1996

- Diagnostics, Problem Resolution of Options by IBM products
- Testing of Released and Unreleased Data Storage and Input/Output Devices
- Operating Systems Training Including DOS, Windows 95 / NT, and OS/2
- System Unit Training Including IBM Desktop, Aptiva, ThinkPad, PS1, and PS2 Series Machines

**Diversified Technology, Ridgeland MS**

*Summer employee:* May 1993 - August 1993

- PC Configuration, Assembly, Packaging, and Shipping

**National Aeronautics and Space Administration (NASA)**

*Research Apprentice:* January 1993 - May 1993

- Documentation and Computer Simulation of Laboratory Rocket Firings

**Mississippi Student Space Station, Davis Planetarium, Jackson MS**

*Counselor:* May 1992

- Planning / Supervising Activities of Attendees Inside Mississippi and Abroad

**REFERENCES:**

Available upon request.