

Matthew D. Melbert

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EDUCATION

Davis and Elkins College - Elkins, WV

Bachelor of Science Degree – Computer Science (Mathematics Option) – December 2001
Mathematics Minor

SKILLS

Operating Systems: Solaris, Linux, FreeBSD, HP-UX, MacOS X, Windows 3.1/9x/2000/XP

Languages: PERL, Shell, PHP, Java, SQL, C/C++, Assembly

Training Courses: Advanced Systems Administration for Solaris 9, LDAP Advanced Configuration and Maintenance, Veritas NetBackup, HP-UX Tuning and Performance

EXPERIENCE

Over five years of experience in a variety of system administration and customer service roles. Additional experience achieved by concurrently working for MEPIS and other projects to expand technical knowledge and problem solving skills.

05/02 – Present

Lockheed Martin / Tek Systems, Clarksburg, WV: *Senior Unix Systems Administrator*

- Assistant Technical Lead
- Administer 60+ Sun Solaris machines in a secure 24x7 environment
- Perform upgrades using LiveUpgrade and Flasharchive
- Manage security patches
- Able to create and deploy custom Sendmail configurations
- LDAP, NTP, DNS, AMANDA, Veritas VolumeManager, BEA Tuxedo, Ipanet Web Server, RSA Keon Certificate Authority/Registration Authority, RSA Keon WebSentry

04/04 – Present

MEPIS LLC, Morgantown, WV: *Linux Administrator/Developer*

- Build Linux kernels and kernel modules for SMP enabled machines
- Help create, preconfigure, and test MEPIS products
- Research and resolve problems related to software and hardware support
- Manage technical support team for MEPIS
- Worked MEPIS booth at LinuxWorld San Francisco tradeshow
- Gave presentations on MEPIS and Open Source Software for computer science classes and ACM members at Davis and Elkins College and West Virginia University
- Maintain MEPIS websites

02/02 – 05/02

Integrated Web Technologies, Elkins, WV: *Owner*

- Created custom Internet applications for local businesses using PERL, PHP, MySQL, and HTML
- Maintained server security and stability including system updates and regular backups for clients' web servers
- Monitored logs for possible security compromises

10/00 – 05/02

Meer.Net LLC, Elkins, WV: *Systems Administrator/Technical Support*

- Created and administered user accounts
- Setup web hosting customers and provisioned email
- Used PERL, PHP, MySQL, and HTML to create a custom solution for archiving email and searching through the archive for later reference
- Created other shell scripts for simplifying daily tasks and created an online sign up form
- Handled customer inquiries over the phone related to connection problems, modem issues, and other computer related problems
- Assisted with customer service for dial up, web hosting, DSL, and collocation customers

05/00 – 08/00

Denver & Ephrata Communication, Ephrata, PA: *Systems Analyst*

- Designed and implemented an Oracle database, as well as the graphical user interface for D&E Jazzd Internet service provider
- Communicated with several departments to fulfill each of their requirements in the database
- Created an internal customer service representative interface for managing customer accounts

09/98 - 05/00

Davis and Elkins College, Elkins, WV: *Computer Tech Services*

- Managed project to migrate on campus students from dial up to the college's Ethernet network
- Oversaw all aspects of computer labs including scheduling, creating usage reports, and attending weekly meetings with the Dean of Faculty
- Resolved both student and faculty computer related problems

ACHIEVEMENTS AND HONORS

- Department of Justice – Security Clearance – 05/02 – Present
- Lockheed Martin – Lightning Award – 04/03
- Davis and Elkins College – ACM Member (98-01) / President (00) / Student of the Year (01)
- Davis and Elkins College – Resident Assistant – 08/98 – 05/00
- Davis and Elkins College – Class President – 09/97 – 05/01
- Boy Scouts of America – Eagle Scout Award – 02/95