Ernie Cleveland

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SUMMARY

I employ more than 10 years of Internet programming and application development experience.

SKILLS

Languages

- PHP, ASP, SQL, DHTML, CSS, XML, Java, JavaScript

Software

- Apache Server, PHP Server, MySQL, Microsoft SQL Server
- Eclipse, Dreamweaver, Photoshop, Illustrator, Microsoft Visual Studio

Websites

- www.nanocenter.umd.edu, www.efrc.umd.edu, www.fablab.umd.edu, www.nisplab.umd.edu, www.rubloffgroup.umd.edu

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EXPERIENCE

University of Maryland   College Park, MD
IT Coordinator   12/2004 – Present

- Designed logo for the NanoCenter and participating labs.
- Design file-system structure, database, and website for the University of Maryland NanoCenter. The website averages ~70000 page views from ~4000 unique visitors monthly.
- Provide content management solutions for NanoCenter administrators.
- Create and maintain the NanoCenter Equipment Scheduler allowing the NanoCenter staff to manage tool reservations, equipment data and files, and process reservation accounting. This tool supports over 500 users, manages 1000 reservations per month, and is used to bill over $80k/month.

Matthew Lee Company   Raleigh, NC
Consultant   8/1999 – 6/2008

- Co-founder of software consulting company.
- Decision maker for technology, software, and equipment purchases. Managed employees and sub-contractors local and worldwide.
- Created and marketed an online/offline campground reservation software solution.
- Established a web hosting and website development service for corporate, government, and personal websites, emails, and ftp servers.
- Trained programmers on a CORBA solution to bridge a legacy warehouse management system with a new inventory management system for Waveful Soft in Beijing, China.

NC Department of Transportation   Raleigh, NC
Application Programmer I   5/1998 – 8/1999

- Automated roadway mapping updates to a central server so GIS engineers could accurately determine the latest map updates.
- Created web-based SOP and Safety manuals for the entire Department of Transportation. This enabled access to the information online effectively reducing printing and shipping costs.
- Designed and developed the Stormwater Reporting System that assisted the 12 Division heads in monitoring the safety and pollution reporting progress to comply with EPA requirements.

EDUCATION

University of Maryland   2006 – Present
Bachelor of Science in Computer Science
Expected Graduation: 12/2012

I transferred into the CS program to complete my bachelor degree. I work full time and am enrolled as a part-time student.

North Carolina State University   1997 – 2003
Computer Science

I completed my sophomore year before starting and working full-time at Matthew Lee Company.

ACTIVITIES

ACM (Association for Computer Machinery)   2008 - Present
Member

Materials Science Graduate Society   2007 - Present
Webmaster
www.mse.umd.edu/msgs/

Marathon/Ultra-marathon Runner   2004 – Present
Richmond, Baltimore, Virginia Beach
Highland Sky 40

UMD Information Technology Council   8/2008 – 12/2008
Undergraduate Student Representative