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| **Ernie Cleveland**  9348 Cherry Hill Rd Apt 410 • College Park, MD 20740 • 919-271-6679 • ernie.cleveland@gmail.com | | |
| **Summary** | | |
|  | I employ more than 10 years of Internet programming and application development experience. | |
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| **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**  IT Coordinator | College Park, MD  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**  Consultant | Raleigh, NC  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**  Application Programmer I | Raleigh, NC  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. | |
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| **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. | |
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|  | **North Carolina State University** | 1997 – 2003 |
|  | Computer Science  I completed my sophomore year before starting and working full-time at Matthew Lee Company. | |
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| **ACTIVITIES** | | |
|  | **ACM (Association for Computer Machinery)**  Member | 2008 - Present |
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|  | **Materials Science Graduate Society**  Webmaster  www.mse.umd.edu/msgs/ | 2007 - Present |
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|  | **Marathon/Ultra-marathon Runner**  Richmond, Baltimore, Virginia Beach  Highland Sky 40 | 2004 – Present |
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|  | **UMD Information Technology Council**  Undergraduate Student Representative | 8/2008 – 12/2008 |
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