Michael Owen Thomas

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Objective

To obtain an internship during the summer of 2007 in the area of web application design.

Education

University of Virginia, Charlottesville, VA 2004 - Present
Third Year Student. Pursuing a B.S. in Computer Science. Overall GPA: 3.39, In-Major GPA: 3.75

Work Experience

University of Virginia Computer Science Department, Student System Administrator, 2004 - Present
- Developed a PHP/MySQL/JavaScript driven framework for the system administration website. This allowed me to rapidly develop multiple web-based systems including those described below.
- Developed an equipment reservation system to schedule and moderate the use of shared resources such as laptops and conference rooms via an easy-to-use web-based interface. This effectively eliminated errant reservations and greatly increased staff's ability to moderate resource utilization.
- Developed an office/desk locator to track graduate student desk assignments and to help people outside the department locate an individual's desk or office via an easy-to-use web-based interface.
- Personally implemented Remote Installation Services (RIS) including a complex set of post-install scripts to streamline re-imaging Windows-based machines throughout the department. This greatly increased the productivity of workers who previously spent most of their time reinstalling machines by hand.
- Developed a front-end for the management of DHCP/DNS entries for all computers in the department. This dramatically reduced the amount of time needed to add new hosts and allowed for the easy reclamation of unused IP addresses.

Owner/Operator of GPUReview.com, 2005 – Present
- Personally compiled specifications, images and resources for over 4,000 retail video cards and implemented multiple ways of viewing this information to allow consumers to easily compare video cards.
- Designed and implemented a system to automatically search the websites of over 30 video card manufacturers to search for new video cards on a daily basis. This allowed me to personally keep up with all new video cards appearing on the market with a time commitment of only a few hours a week.
- Performed all design, programming, layout, and maintenance.

Freelance Web Design and Programming, 2003 - Present
- Constructed several medium-sized websites utilizing PHP, MySQL, HTML, and JavaScript.
- Developed multiple SEO/search tools for seobook.com including myriadsearch.com and the Firefox extension "SEO for Firefox".

U.S. Navy, Nuclear Reactor Operator, 1997 - 2003
- Operated a Nuclear Reactor aboard ship during shutdown and at-power operations including major examinations and highly complex and dynamic simulated casualty events.
- Performed preventative and corrective maintenance on Reactor Instrumentation and Control equipment on a day to day basis including cleaning and inspecting, time response testing, and testing interlocks.

Skills

- Highly proficient in PHP, JavaScript, HTML, CSS
- Proficient in C#, Java, MySQL
- Working knowledge of Python, C++/C, Ruby, OCaml, x86 assembly, Java bytecode
- Highly proficient in PC hardware troubleshooting, assembly, and maintenance