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