

# Chad Phillips

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## Objective

To obtain a permanent position as a senior web designer/developer, web team lead, or webmaster.

## Work Experience

### Senior Web Developer, VP of Web Technologies

*Information Safeguard, Inc. / InfoSafe Design*

- Front-end, responsive design and development (HTML, CSS, JavaScript, jQuery) of client websites and applications
- Back-end development of web applications to achieve goals of clients, including ecommerce
- Maintenance and continued development of on-going client web properties
- Project management (SDLC)
- Management and training of junior web development staff
- Web design (Photoshop) and development (HTML/CSS/SASS/PHP/MySQL)
- WordPress Theme and Plugin development
- Consultation on web technology and best practices for clients
- Support and interaction on a daily basis with clients and client customers for web properties

### Webmaster (January 2012 – January 2016)

*TeleCommunication Systems, Inc.*

- Maintenance of content and CMS on Corporate website – Sitefinity CMS on Windows/ASP.NET/C# back-end
- Front-end, responsive design and development (HTML, CSS, JavaScript, jQuery) of microsites and corporate website pages
- Training of Marketing staff on web platforms for content updates and reporting
- Design (Photoshop) and development (HTML/CSS/VML) of email campaigns for marketing efforts
- Consultation on web technology and best practices for Corporate Marketing and internal clients
- Day-to-day interaction and collaboration with co-workers with little-to-no technical and web background such as internal clients, corporate marketing staff, and graphic designers
- Experience with Adobe CC suite, Sitefinity CMS, and project management

### Senior Computer Engineer (April 2011 – December 2011)

*Nokia, consultant through Insight Global*

- Development of location-based mobile (iPhone, Android, BlackBerry) applications using web technologies/languages such as JavaScript, HTML5, CSS, XML/XSL, AJAX, and PHP
- AGILE development environment
- Experience with tools like Spring STS (Eclipse), JIRA, XAMPP, SVN

### Computer Systems Analyst II (February 2011 – April 2011)

*Lockheed Martin / Social Security Administration*

- Carried over work from previous contract with Bowhead Support (see below)

### Business Analyst (February 2011)

*Bowhead Support / Social Security Administration*

- Worked with team gathering and creating documentation for a government enterprise system for disability claim information
- Developed Data Flow Diagrams and other requirements documentation
- Temporarily served and got up to speed with diverse team over two weeks

**Web Developer** (December 2010 – February 2011)

*Bowhead Support / Social Security Administration*

- Built and updated detailed, 508-compliant, accessible, front-end web versions of internal SSA paper forms using HTML, CSS, jQuery, and JavaScript
- Compared and documented discrepancies between existing software functionality, desired functionality, and DFR (Detailed Functional Requirements) provided by client
- Worked with versioning and bug-tracking software to resolve validation issues presented by testing team
- Collaborated with a team of 8-12 developers and testers

**Web Designer** (*Full-time*: November 2008 – December 2010; *Part-time, consulting*: December 2010 – Present)

*American Association of Physics Teachers (AAPT)*

- Lead the redesign and major architectural overhauls of the entire web presence of the organization in the span of less than a year; included all documentation and research involved in a system's development lifecycle; See below for transition examples
- Redesigned and developed project sub-sites for major organizational events and programs (e.g. – annual meetings, U.S. Physics Olympiad)
- Developed a deep familiarity with and used CommonSpot CMS and iMIS member management system
- Cleaned up invalid XHTML/HTML and CSS
- Created and maintained social networking presence (Twitter, Facebook, YouTube, Flickr, USTREAM) for AAPT
  - Lead a Social Media Task Force which created a social media policies & guidelines document which was approved for integration into the Employee handbook and other documentation for organization sections and other entities working within the association
  - Integrated Twitter feeds and headed social media marketing for yearly events
  - Worked closely with Marketing Coordinator & Communications director to promote organization events and other promotions
  - Generated reports for senior staff on a regular basis using basic metrics for success of social media (e.g. – friends, followers, and click-throughs).
- Created templates for standard association emails and monthly email newsletter using HTML/CSS and Lyris email templates
- Worked with Marketing Coordinator closely on email campaigns (formatting, wording) and Google Ads campaigns.
- Consulted and recommended solutions for retaining and gaining more members for the organization

**Web Developer** (July 2006 – November 2008)

*United States Naval Academy*

- Managed specific internal and external web applications that serve the informational needs of the Faculty, Staff and Active Duty Military
- Wrote standards, policies, and guidelines for Naval Academy web applications
- Evaluated, documented and developed new areas of online systems and applications that improved the creation, maintenance, and delivery of information to Faculty, Staff and Active Duty Military
- Designed, developed, and implemented a web interface which dynamically queries a backend database and returns query results
- Designed and developed web pages with functionality that minimized load time, optimized user interaction, and reduced web page maintenance
- Developed and designed custom, dynamic JavaScript and PHP applications for specific user needs
- Designed, built and maintained highly visible web pages for both internal and external use
- Developed Cascading Style Sheets that are designed to allow for faster load time of pages
- Implemented the current W3C standards
- Managed a team of developers that maintained and updated over 300 internal and external web pages
- Worked in a team-based cooperative and collaborative environment
- Created layouts, logos, and concepts using Adobe Photoshop CS2 and Dreamweaver

## **Webmaster & IT Support** (July 2005 – Present)

*Pinnacle Parking, Annapolis, MD*

- Business website with online parking registration and payment implemented on a Windows/ASP.NET/C# back-end
- Maintenance and content updates
- Redesigned content and look of many pages to be user-friendly
- Web application additions and improvements – PHP and JavaScript
- New form for group events requests which emails the owner with a formatted email and event details
- Server-side form validation
- Conducted clean-up of convoluted, dated HTML and application code left over from original creators
- Reduce deprecated tags, as well as made CSS and stylesheets more prominent

## **Education**

**University of Maryland, Baltimore County** (Fall 2004 – Spring 2009)

- Bachelor's Degree in Information Systems
- Master's Degree in Information Systems

## **Awards**

**President's Fellows Scholarship From UMBC** (Fall 2004)

## **Certificates**

- Web Design Certificate – University of Maryland, Baltimore County (in conjunction with Bachelor's of Science, Information Systems)

## References

**Doug Gibson, Senior Graphic Designer, ComtechTCS**

Annapolis, MD

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**Terrence Hunt, Web Developer, American Association of Physics Teachers**

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**Frank Griffin, Manager, Bowhead Systems Management, Inc.**

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**Valerie Thomas, Business Operations Manager, Bowhead Technical & Professional Services**

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**Matthew Isett, Senior Computer Engineer, Nokia (currently NSA)**

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**Jim Purdy, Pinnacle Parking Founder & Owner**

Annapolis, MD


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## AAPT.org Redesign

In addition to major architectural overhauls and better integration with the CMS, a huge visual change was introduced.

Pre-launch (January 2008, from archive.org)



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AAPT Homepage

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### Latest News

**NEW Request for Member Testimonials**  
AAPT is developing a new brochure and would like to showcase member testimonials. Members are invited to submit thoughts and anecdotes for consideration. For more information go [here](#).

**NEW AAPT NEWS**  
The October issue is now available [here](#).


**NEW High School Physics Teacher Grant**  
Application deadline is November 1, 2007. More information [here](#).

**NEW Barbara Lotze Scholarships for Future Teachers**  
Application deadline is December 1, 2007. More information [here](#).

**Electronic Balloting**

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### Winter Meeting




January 19-23

**NEW Early-Bird Registration Opens 10/24.**  
[Winter Meeting Information](#)  
[Future Meetings](#)

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### 2007 Photo Contest



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### Top 10 Member Activities

- [Renewing Membership](#)
- [Viewing AAPT NEWS](#)
- [Donating to Physics Education](#)
- [Shopping the Online Store](#)
- [Reading Fermi Press Release](#)
- [Submitting Member Testimonials](#)
- [Reading Section News](#)
- [Applying for the High School Grant](#)
- [Visiting ComPADRE Digital Library](#)
- [Reading Announcements](#)

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### Calendar Events and Deadlines



[Winter Meeting](#)

[US Physics Team](#)

[Holiday Gifts](#)

[ComPADRE](#)



### 2010 Joint APS/AAPT Meeting in Washington, DC (February 13-17)

The upcoming meeting—held in Washington, DC—will be a joint effort between the APS and AAPT. [Registration is now available!](#) Visit our [meeting page](#) for additional information.

## Welcome to AAPT

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### News

[AAPT News](#) [Physics Education](#)

#### J. D. Jackson Excellence in Graduate Education Award and Melba Phillips Medal awarded

**Mary Beth Monroe** and **Eugene Commins** have been recognized for their outstanding work. For more details, see the press releases below

- [Mary Beth Monroe Recognized for Creative Leadership in Physics Education \(PDF\)](#)
- [Eugene Commins Named First AAPT J.D. Jackson](#)

### Get Involved!

Want to play a bigger role in the physics community and enhance your career?

- [Become a member of AAPT](#) - includes journal subscriptions and discounts on meetings and teaching resources
- [Become a member of your local section](#)
- Serve on a [Committee](#)
- [Donate](#) to physics education
- And [more...](#)

