

# KILEY WILLIAMS

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## EDUCATION

**Carnegie Mellon University**, Pittsburgh, Pennsylvania

Bachelor of Science in Information Systems

August 2004 – May 2008

## EXPERIENCE

**Microsoft Corporation**

Redmond, Washington

July 2007 – Present

Program Manager

Managed the development of prototypes for new and potential SharePoint features, as well as the development of corporate platforms and services:

### ***SharePoint 2010 User Profile Application (UPA)***

- Wrote technical specifications for the development and delivery of tools to manipulate the managed metadata and taxonomy
- Utilized the Agile development process to work with offshore development teams on various projects
- Designed an alternative solution to the previous out-of-box profile photo sync, reducing sync time and minimizing the number of hops
- Led the successful effort to thwart a European Union lawsuit against SharePoint UPA due to issues caused by another product
- Leveraged the SharePoint User Profile Application to build foundational content targeting solutions for consumers
- Managed the profiles and targeted content delivery of over 200,000 corporate users
- Worked with the corporate operations team to determine the company's regional SharePoint UPA topology
- Advised Bank of America on how to properly prepare their environment to align photos with users in Microsoft Active Directory
- Helped close the sale of multiple SharePoint 2007 seats to Unified Grocers Inc.

### ***Corporate Foundation Services & SharePoint Experiences***

- Integrated Microsoft InfoPath and SharePoint Workflows to improve productivity for internal consulting clients
- Provided Office 15 Planning requirements to improvement the end-to-end experience from InfoPath to Workflows
- Delivered a TechNet webcast to show how Microsoft IT designs and creates enterprise publishing portals

### ***Photo Relevancy and Inference Research Virtual-Team***

- Collaborated directly with the Israel Innovation Labs on the effects of applying non-visual metadata to face recognition results
- Worked closely with the Rich Media Incubation Lab defining ways to find photos on the web using unstructured metadata inference
- Met regularly with the general manager for Ray Ozzie, Chief Software Architect, to integrate the project into existing products
- Created wireframes, live prototypes and example code to showcase the project in a real-world scenario to executives

Program Manager Intern

- Developed the internal client engagement process for on-boarding new portals and services for the corporate intranet
- Provided direct guidance to clients on how to expand on and contribute to platform solutions developed on top of SharePoint 2007

**Character Education Partnership (CEP)**

Washington, D.C.

December 2010 – April 2011

Project Manager

- Facilitated the requirements-gathering phase and RFP process for the construction of the next version of the CEP website
- Provided guidance for the creation of a functional specification of all business processes and necessary features for the CEP website
- Successfully migrated the CEP databases, webinars and website, receiving over 10,000 unique daily visits, to a new hosting platform
- Updated banners and logos for the upcoming special events section, saving the company over \$1,000 in design costs
- Saved over \$20,000 in migration, development and project management costs by leveraging previously established relationships

**Empatek Solutions (FrontListings.com)**

Pittsburgh, Pennsylvania

May 2006 – June 2007

Independent Contractor

- Developed a system for categorizing and improving the Carnegie Mellon student online marketing system
- Leveraged basic database federation and replication to ensure optimized delivery of results and stability of the service
- Worked with MySQL and various PHP libraries for the decoding and categorization of mail, based on conceptual content inference
- Managed two other developers in the construction of a website boasting over 15,000 registered users
- Successfully closed a deal with Quiznos to offer free subs for the first 500 new users on the site

**Carnegie Mellon Institute for Complex Engineered Systems**

Pittsburgh, Pennsylvania

December 2005 – June 2008

Research Programmer

- Contributed to the development of various parts of the Kiva project management system using PHP and MySQL
- Implemented new methods of MVC to enhance maintenance abilities for the re-factoring of the Kiva project
- Fixed numerous HTML/JavaScript bugs and organized the CSS to be cleaner and more cross-browser compliant
- Created a system to find and display commonly available times among schedules for groups in a single interface

**J & F Technical Solutions Inc.**

Upper Marlboro, Maryland

June 2004 – August 2004

Web Developer / Consultant

- Developed a script in PHP to migrate and organize data from raw text files into databases handling pricing information
- Developed better image display functions to integrate with OSCommerce in order to eliminate image distortion
- Refactored and improved the back-end workflow logic for adding new products to a client's OSCommerce catalog

**NCI systems Inc.**

Manassas, Virginia

June 2003 – August 2003

Independent Contractor

- Created a script to manage Microsoft Access database information through a web interface
- Worked closely with experienced developers to learn the proper structure of writing secure and robust code in ColdFusion 5

**Veraprise Inc.**

Front Royal, Virginia

June 2001 – August 2001

Web Development Intern

- Developed applications based on requirements specified by customers to gain experience developing with ColdFusion 4.5
- Learned how to setup and manage a real-world web-hosting environment using IIS and ColdFusion

**SKILLS****Languages and Frameworks**

- Proficient in: PHP, C#, JavaScript, HTML, CSS, jQuery
- Familiar with: C/C++, ColdFusion, Java, Python, COBOL

**Software and Operating Systems**

- MySQL, MSSQL, SharePoint, Linux, Windows, Mac OS

**HIGHLIGHTS**

- Instructed a 3-unit web service administration and PHP development course at Carnegie Mellon to over 80 students for two semesters
- Created an open-source anti-phishing tool used for two years by security analysts at Regions Bank to retroactively track phishing and XSS attacks
- Developed a bank software security simulation to give computer security analysts real-world practice for identifying and exploiting vulnerabilities
- Developed a web-based, on-demand radio broadcast package built on top of Nullsoft ShoutCast allowing students to stream music to one another
- Developed and managed an on-campus photo and document sharing system with over 8,000 users for universities on the Internet2 (I2) network
- Competed nationally as a 2005 NCAA All-American track athlete
- Mentored inner-city elementary students, teaching life and computer skills at Charles Young Elementary School in Washington, D.C.
- Developed a free library inventory system for Charles Young Elementary School and Winston Education Center in Washington, D.C.