Patrick Crager

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Technical Skills

- **Application and Web Servers:** Apache, IIS, node.js, SharePoint, SQL Server Reporting Services
- **Frameworks:** ASP.NET & MVC, Cocoa Touch, Dojo Toolkit, JavaServer Faces, jQuery & jQuery Mobile, PhoneGap, Twitter Bootstrap
- **Web Technologies:** AJAX, AngularJS, CSS, Google Maps API, HTML, JavaScript, JSON, Responsive Web Design, REST, XML
- **IDEs:** Eclipse, SQL Server Management Studio, Visual Studio, Xcode

- **Languages:** C#, HTML, Java, JavaScript, Objective-C, T-SQL, VB.NET
- **Source Control:** CA SCM, git, SVN, Team Foundation Server, Visual SourceSafe
- **Databases:** MySQL, SQL Server
- **Design Tools:** Illustrator, InDesign, Photoshop, Quark
- **SEO & Analytics:** Crashlytics, Google Analytics, Google Webmaster Tools, Flurry, TestFlight, Unica NetInsight
- **Operating Systems:** Android, iOS, OS X, Windows

Professional Experience

Highmark Harrisburg, PA   10/13 - Present
Senior Application Developer

- Specializing in mobile application (native and HTML PhoneGap-based) and front-end web development.

Celerity Harrisburg, PA   02/12 - 10/13
Mobile/Web Development & Technologies Consultant for United Concordia at Highmark

- Technical lead & developer on a major responsive web design redesign project for United Concordia's main public-facing website. The website utilizes HTML5, CSS3, the Dojo Toolkit, and Twitter Bootstrap for front-end development on top of a JavaServer Faces backend. Wrote all of the markup, CSS, and custom Dojo-based Javascript modules utilized in the application while integrating with an existing content management system.
- Developer & implementation consultant for United Concordia's first mobile Android & iOS app using PhoneGap, the Dojo Toolkit, HTML5, and geolocation services integrated with the Google Maps API. The app allows users to select a profile, search for dentists using location-based services, browse oral health information, and securely login to view claims, benefits, deductibles, etc.
- Technology and implementation consultant for a native Android & iOS kid's game app designed for parents to help their children to learn proper brushing techniques and establish long lasting and healthy oral wellness habits.
- Provide advice and support for deploying and supporting apps on the iOS App Store and Google Play app distribution platforms and also enterprise distribution of apps within United Concordia.

Commonwealth of Pennsylvania   02/08 - 02/12
Department of Agriculture Harrisburg, PA

Senior Application Developer

- Developed an agency first mobile web application with ASP.NET MVC using the jQuery Mobile framework and HTML5 geolocation services integrated with the Google Maps API. The application allows users to search for agriculture related companies, farmer's markets, restaurant inspections, or weights & measures inspections in a radius around the user's detected location or searched location.
- Responsible for the software development lifecycle of web-based internet and intranet applications.
- Meet with end users to gather requirements for new projects or upgrades to existing applications while performing business process analysis and optimization.
- Lead design and developer for numerous public facing web sites and applications.
- Designed and developed award-winning pafarmland.state.pa.us, a web-based solution for counties to submit farmland easement purchase recommendations.
- Developed an e-commerce web application to allow competitive exhibitors to register and pay online to compete at the Pennsylvania Farm Show and two other livestock industry shows.
- Developed an internal event registration web application to register guests, assign admission tickets, check in guests, and generate name badges for events at the Pennsylvania Farm Show Complex.
- Designed and developed an internal scheduling web application for Pennsylvania Farm Show Complex management staff.
- Created an internal application to allow the Press Department to easily create and manage photo albums and post press releases to various web sites.
- Manage all internal and external IIS web servers and domain names.
- Implemented a SharePoint portal for documentation and bug tracking in addition to a Team Foundation source code repository system.
- Experienced in integrating and leveraging external tools such as Google Maps and Google Analytics, Listrak, e-commerce, search engine optimization, and social media into the design and development processes.
- Assist and train junior developers.

Commonwealth of Pennsylvania   **12/05 - 02/08**

Office of Inspector General Harrisburg, PA

IT Generalist, Junior Application Developer

- Developed and maintained intranet web applications for the department.
- Designed and developed a change control process web application for tracking and assigning of change requests to developers.
- Designed and developed a web application for supervisors to share helpful resources along with a message board that allowed discussion of issues among peers.
- Performed network administration, managed the department's firewall, server backup solution, IIS web servers, and SQL Servers.

Education

Shippensburg University, 2004

B. S., Computer Science

Certifications & Training

AboutObjects' iOS 5 Development for the iPhone and iPad   **11/11**

Developing Web Applications with Microsoft Visual Studio 2010, 10264A   **05/11**

Oracle AquaLogic Interaction IDK Portlets & Web Services   **06/09**

Programming with the Microsoft .NET Framework, 2415   **07/07**

Awards

Outstanding Leadership & Innovation Award Winner   **12/11**
Government Technology Magazine and Office of Administration

Team Achievement Award Winner   **07/06**
Office of Inspector General