

Andrew Dougherty

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SEEKING

Full time .NET development position in the greater San Diego area.

SUMMARY

Extensive programming experience using the .NET stack, HTML, CSS, Javascript and jQuery.

Adept at learning new technologies and finding solutions to challenging technical problems.

Experienced in the full software development lifecycle – from concept through delivery of next-generation applications and customizable solutions.

SKILLS

Languages (most proficient to least)

- C#, HTML5, jQuery/Javascript, ASP.NET, CSS/SCSS, X++, C++/C, XML, XAML, LINQ, VB.NET, MS SQL, Java, Python, PHP

Version Control

- TFS, GIT, Mercurial, Subversion

Applications

- Visual Studio, Eclipse, Dynamics AX 2012, Dynamics 365 for Operations, Dynamics CRM, SQL Server, MS Office Suite, Unity, Unreal Development Kit, Maya, Blender, Google SketchUp, Photoshop, Adobe Premier

Content Management Systems (CMS)

- Sitefinity, Umbraco, Wordpress

Cloud Platforms

- Microsoft Azure

Issue Tracking / Code Repo

- Atlassian JIRA, Visual Studio Team Services

Other

- Xamarin, Windows Forms, WPF, WCF

EDUCATION

BS in Computer Science 2014, Drexel University

Game Programming and Development Concentration

CERTIFICATIONS

Microsoft Certified Professional – F416-1647

- Microsoft Dynamics AX 2012 R3 CU8 Development Introduction
- Microsoft Dynamics AX Development Introduction



WORK EXPERIENCE

February 2015 – July 2017

Avantiico, San Diego, CA – Technical Specialist

- Project lead and principal .NET developer of the middleware component for AXAdmin app, a line of business iOS application.
 - Developed the .NET API hosted on Azure to relay the user requests to AX, utilizing Windows Communication Foundation services (WCF).
 - Created the prototype using UI/UX tools to mock up user experience of navigating the screens.
 - Produced full technical documentation and end user manual for the AXAdmin application.
 - Created and executed scripts to test load balancing, and performed black box testing of the AXAdmin application.
 - Supplied functional requirements to 3rd party developers.
 - Demoad and represented the AXAdmin application at a major Microsoft business trade conference.
- Created customizations of Dynamics AX for company's clients and internal projects.
 - Developed custom form controls for the AX applications for clients in the retail, manufacturing and financial industries.
 - Created custom business logic to support the new feature development.
 - Implemented .NET integration with AX to import shipping & receiving data.
- Enhanced and expanded internal time tracking management system, written in X++. Optimized the time tracking process by eliminating superfluous steps.

- Trained coworkers in MS Dynamics 365 for Operations and other MS applications.
 - Produced PowerPoint slide decks and live demo walk-throughs of the applications.
 - Trained other developers in version control best practices (branching, merging, dealing with conflicts, etc.)

April – September, 2013 (co-op job)

Delphic Digital, Philadelphia, PA - .NET Developer

- Troubleshoot integration with Salesforce.com for physician profiles for a major healthcare provider.
- Performed code review and refactored existing codebase with best practices .NET codebehind for a website of a casino resort.
- Implemented the data-driven sitemap for a mortgage lender's website.
- Developed an interactive jQuery web-based Gantt chart tool for project management
- Replaced hardcoded links with data-driven controls using Umbraco CMS for a Senior Living community organization's website.
- Integrated a marketing campaign survey tool for internal company use.
- Enhanced internal time management system for tracking projected vs. actual resource hours for client projects.

April – September, 2012 (co-op job)

Empathy Lab, Philadelphia, PA – Programmer

- Added accessibility functions for the largest Canadian cable provider's website.
- Developed a Javascript prototype for a cable set-top box for a prospective client from Latin America (<http://www.andrew-dougherty.com/mysite/TotalMovie/catalog.html>)
- Provided QA testing for client website development.
- Helped design and implement a web landing page for a children's cable network.

March – September, 2011 (co-op job)

Drexel Univ. College of Medicine, Philadelphia, PA – Website Designer

- Converted classic ASP to ASP.NET for College of Medicine student portal.
- Created a virtual walk-through of a CoM building using Google SketchUp.

HONORS AND AWARDS

Drexel University Dean's List

National Honor Society

ACTIVITIES

Drexel Game Developers Group
 San Diego Independent Game Developers
 Association

Philadelphia Game Dev. Meetup Group