

Objective

- To work in an environment that will let me contribute my unique set of skills towards a project I can take pride in and will help me improve and grow as a programmer.

Experience

- **Attunix** Bellevue, WA
Developer / Consultant *March 2010–Present*
 - iOS and .NET engineer focused on mobile development within Attunix’s Mobile Practice. A few products/projects include:
 - Film.com** An iPhone app for displaying and browsing the Film.com website. Included the development of an Objective-C Wordpress API wrapper to consume data from the Film.com site.
 - Microsoft ROBIT Project** ROBIT was an internal Microsoft project to setup a shared scheduling system for a large group of users that would help them easily schedule and plan events. The system had tight integration with Outlook and CRM. The majority of my responsibilities were to write custom CRM plugins and event code to perform event driven logic within the application.
 - CoreDocuments** An iPhone/iPad app that connects to a SharePoint site to browse and access document libraries and items.
 - Technologies used include: iPhone SDK, ASP.NET MVC, ASP.NET WebForms, SOAP Web Services, AES Encryption, CRM Dynamics, and SharePoint.
- **Independent iOS Developer** *September 2009–Present*
 - Various iOS projects for myself and others. A few projects include:
 - raywenderlich.com** I have written a few “Beginning iOS Development” tutorials on my own website and have since joined the tutorial team for a tutorial site (<http://www.raywenderlich.com>). In a short amount of time, the site has become a popular destination for iOS tutorials because of the high quality of the tutorials. I have also become a forum moderator for the site. The responsibilities include moderating the forum and answering technical questions that users ask.
 - Pocket No Agenda** The Pocket No Agenda app has a soundboard that plays clips from the No Agenda podcast, list of the shows and show notes, and plays the live audio stream and past shows. The app also sends push notifications when the live stream starts. Featured on App Store frontpage under “What’s Hot”. Was Top #25 (Grossing US) / Top #35 (Paid US) / Top #10 (Paid International) in the “News” category.
 - Real Punk Radio** iPhone app that streams live audio from the Real Punk Radio internet audio stream, has access to the chat room, and allows users to request tracks to be played on the stream.
 - Police Anywhere** iPhone app that determines the users location and uses that location to find the non-emergency phone number for local law enforcement.
 - Technologies used include: iPhone SDK, XML parsing, audio downloading and streaming, Geolocation and Reverse-Geolocation services, CoreData, Game Center, and Apple Push Notification Services.

- **Advantage Factory** Bellingham, WA
Developer *April 2009–February 2010*
 - .NET engineer focused on ASP.NET and SharePoint.
 - Main projects included:
 - Fusion Core Solution** Washington State Fusion Center
 - Fedtrak** Tracking shipments of hazardous material across the US
 - 505th CORE** Scheduling software for the Air Force 505th Airwing
 - Responsibilities included (but not limited to): Building webparts, look and feel customizations, forms authentication, web services, workflows, and KPI lists
 - Technologies used include: SharePoint, ASP.NET, Infopath, Silverlight, WPF, and ArcGIS.
- **Logos Research Systems** Bellingham, WA
Software Developer Intern *October 2008–December 2008*
 - Projects included: Visual Cue utility and an Image Tagging custom control
 - Technologies used include: WPF
- **Google** Bellingham, WA
Student Participant for Google in their 2008 Summer of Code program *April 2008–September 2008*
 - Project was to add subfile support to FFS for the NetBSD project.
 - Mentor: Philip Nelson
 - Technologies used include: C
- **WWU, Computer Science Department** Bellingham, WA
Graduate Teaching Assistant *September 2007–June 2008*
 - Graduate Teaching Assistant for CS101 and CS145: Intro to Programming.
 - Teaching Assistant for CS172: Robotics.
- **WWU, Academic Technology & User Services** Bellingham, WA
Web Developer *October 2006–September 2007*
 - Developed and maintained web sites.
 - Managed and administered the Blackboard CMS.

Education

- **Western Washington University** Bellingham, WA
Masters in Computer Science *2006–2009*
 - GPA: 3.3
 - My research was creating a personalized RSS feed aggregator using an Artificial Immune System as the selector system.
 - Focus: Cryptography, System Programming, Machine Learning, and Information Retrieval.
- **Western Washington University** Bellingham, WA
Bachelors in Computer Science *2004–2006*
- **Everett Community College** Everett, WA
Associate of Arts *2002–2004*

Skills

Languages: Objective-C, C#, ASP.NET, WPF, C, C++, and PHP

Operating Systems: iOS, OS X, Windows, and UNIX

Personal Interests: Cryptography, Image Processing, Artificial Immune Systems, Information Retrieval, and Alternate User Interfaces