

Cory Gordinier

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- Objective:** Continuing to increase aptitude with maintaining and interacting with system architectures as well as developing new features in accordance with existing design paradigms.
- Skills and Abilities:**
- Proficient with .NET object-oriented architectures (MVC and MVP) and both SQL and key-value store database backends, as well as both WPF and ASP front ends.
 - Experienced with the Agile methodology of development, with emphasis on work-item-driven creation of new features.
 - Familiar with top-down development involving incorporation of existing APIs from various sources, as well as bottom-up development involving low-level hardware interactions and memory management.
 - Extensive knowledge in developing and debugging drivers for Windows, particularly with a NDIS 5.x focus.
 - Broad comprehension of the OSI networking model, and its relation to the Windows kernel, especially with respect to the IEEE 802.11 wireless standard, as well as baseband modulations involved.
- Languages:** C/C++/C# (.Net 4.0, ASP 3.0) Java 1.6, HTML/CSS/JQuery/Javascript
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- Employment:**
- Intern – Accounting Development* *May 2012 - August 2013*
Thomson Reuters – Dexter, Michigan
- Involved with the full cycle of development of several new features for Accounting CS, an award-winning tax software, including feature design, implementation, and debugging.
 - Implemented features in accordance with existing MVP architecture, with emphasis on event/action-driven design, and integration of API's, both foreign and in-house.
 - Created a set of data constraints in the business logic layer to maintain and protect SQL database integrity when invoking a new feature for Accounting CS.
- Intern – Software Engineering* *May 2011-August 2011*
WhaleShark Media – Austin, Texas
- Worked on a high-level C# MVC-based backend that linked company datastores of leading coupon websites to a sister companies' API such that data could be transmitted and moderated on a per post basis.
 - Designed the graphics and developed the related HTML/CSS/JQuery/Javascript code for an interactive front-end so a user could post data to company datastores located in the cloud.
 - Developed a C#-based integration between an existing implementation of Apache Lucene and MVC controllers, to manage and search through company datastores and display specific subsets on the interactive front-end.
- Lead Programmer – SORA Project* *May 2010 - May 2011*
University of Michigan - Ann Arbor: Electrical Engineering and Computer Sciences
- Programmed an experimental software-defined radio (called SORA) provided by Microsoft Research Asia through creation of a Windows NDIS 5.x Miniport driver.
 - Collaborated to take theoretical IEEE papers involving cognitive radio design associated with computer networking, and incorporate these designs into a University of Michigan developed networking protocol that was then successfully implemented in SORA.
- Education:** University of Michigan: Ann Arbor GPA: 3.0 / 4.0
BS in Computer Engineering & Computer Science May 2014
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- Achievements:** Presented the University of Michigan-Ann Arbor's results of a working implementation of a customized cooperative networking algorithm, in a showcase of global universities' work on the SORA project at the Microsoft New England Research & Development Center in Boston, Massachusetts in Spring 2011.