

## Contact

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## Technical Skills & Tools

.NET 2.0-4.0 (C#) WPF & Silverlight LINQ XAML	Surface / Touch Windows Forms XML SQL	ASP.NET HTML / XHTML / CSS HCI Design Object Role Modeling	Visual Studio 2005 - 2010 Expression Studio Suite SQL 2005 (MCTS 431) Cert A+ CompTIA Software Cert
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## Industry Experience

### InterKnowlogy

#### Software Engineer (C#, WPF, XAML)

**Full Time Job**  
**April 2010 – Present**

- Async framework to standardize asynchronous call and callback pattern.
- Built a data platform to abstract out the implementation of an I/O operation from its intent.
- Traveled and worked with clients both remotely and in-person.
- Created a Timeline tool to work with time spans, date ranges, and element stacking.

### InterKnowlogy

#### Associate Software Engineer (C#, WPF, XAML, Surface)

**Full Time Job**  
**April 2009 – April 2010**

- Extensive work with XAML based UI, Custom Controls, Data Templates, MVVM.
- Designed and built a P2P remote manipulation framework.
- Built a touch manipulation control for interacting with 3D objects in WPF.
- Created a touch based 3D cropping tool.
- Worked with 3<sup>rd</sup> party API's to interact with non standard input and output devices.
- Built an object tree comparison tool.

### InterKnowlogy

#### Team Lead (C#, WPF, XAML, Silverlight, ORM)

**Internship Project**  
**January 2009 – March 2009**

- Managed a team of four other people.
- Planned and architected a full R&D site including front and backend designs.
- Designed a fully relational database in ORM (Object Role Modeling).
- Designed and created a WPF interface for the CMS portion of the site.

### InterKnowlogy

#### Technology Lead (C#, Silverlight, MOSS)

**Internship Project**  
**October 2008 – December 2008**

- Worked on the InterKnowlogy MOSS desktop client.
- Researched and presented Silverlight basics to the team.
- Built a C# navigation graph, graph providers, and built a Silverlight graph rendering and traversal engine.
- Created and implemented the final Silverlight site design.

### Winona State University

#### Student Developer (C#, ASP, SQL 2005, MOSS)

**Part-Time Job**  
**October 2006 – May 2007**

- Utilized the Telerik RAD Controls to build a customizable MOSS menu system.
- Performed various maintenance and administrative tasks.
- Built a guest wireless request and login system using classic ASP.

### Freelance

#### Independent Contractor (Wordpress, PHP, CSS, Design & Development)

**Self Employed**  
**June 2007 – March 2009**

- Multiple logo design contracts.
- Built and hosted Wordpress sites.
- Won and fulfilled contracts for web design templates and mockups.

## Education & Achievements

**Bachelors of Computer Science (GPA 3.66)**

**Neumont University, Graduated March 2009**

- Technology Trendsetter Scholarship
- Founders Scholarship (Two times recipient)
- Senator for the Neumont United Student Government
- Team Lead on four successful college projects
- Team Lead of a 'FIRST Lego League' Team for two years
- 150+ hours of volunteer community service

*References are available upon request.*