

Employment

- **Heartland Crop Insurance** Overland Park, KS
Software Engineer November 2015 - Present
 - Developing versatile back-end components with heavy emphasis on algorithms and mathematics in C# 6 and .NET 4.6.
- **Artisan Technology Group / Beyond the Scores** Kansas City, MO
Software Engineer May 2015 - November 2015
 - Develop an enterprise application as a greenfield project from the ground up with a team of mostly two developers. Involved in modeling, design, development and architecture.
 - C# .NET 4.5 Windows Presentation Foundation (WPF) following the MVVM pattern.
 - Communicate directly with clients on consulting projects, supporting their products, developing new features, and advising on architectural concerns.
- **PeopleAdmin / Netchemia** Prairie Village, KS
Software Engineer August 2013 - May 2015
 - Develop features in C# MVC and VB.NET Web Forms products. Additional technologies included Microsoft SQL Server, AngularJS, JQuery, KnockoutJS and JavaScript.
 - Product Owner, handling issue resolution, delegating, testing, requirements and code review.
 - Work directly with an off-shore team to ensure quality support for the product.
 - Led a cross-organization team of seven to win the first internal company hackathon, establishing a company intranet.
- **Risk & Regulatory Consulting, LLC** Leawood, KS
Actuary Analyst June 2012 - June 2013
 - Performed risk-focused financial examinations of insurance companies for state commissioners.
 - Evaluated annual statements, participated in interviews and used mortality tables to audit life insurance companies. Wrote detailed evaluations ultimately sent to the state.
 - Maintained software in APL and Visual Basic to assist in financial valuation.
- **Box Office Analyst** Kansas City, MO
Consultant June 2011 - June 2012
 - As the sole developer, designed, developed and maintained a company web site using PHP and Microsoft SQL Server from the ground up.

Education

- **Rockhurst University** Kansas City, MO
B.A. in Mathematics and French Language, Philosophy Minor 2004 - 2008
 - **Rockhurst Outstanding Research Award** (2012)
 - **William A. Luby Mathematics Medal Award**
 - Undergraduate research project published in *Mathematical Spectrum* **48**, 1, 22-29 (2014/2015) entitled *Exploring the New Zealand Puzzle*
 - Competed in the Missouri Collegiate Mathematics Competition
 - Presented at CALHE Conference at Missouri Western State University

Skills

- **Development:** C# MVC, WPF MVVM, VB.NET, AngularJS, JavaScript, T-SQL, ASP.NET, Entity Framework, XAML, Python
- **Technology:** Git, MS SQL Server, AWS, TFS, vim, unix, LAMP, WordPress, Photoshop, L^AT_EX