

## Employment

- **Bradford & Galt / Heartland Crop Insurance** Overland Park, KS  
*Software Engineer* November 2015 - Present
  - Design and support systems in a mathematically intensive, enterprise level insurance application in .NET using C# 6.
  - Maintain stored procedures and views in Microsoft SQL Server with NHibernate as the ORM.
  - Set up a specialized unit and regression testing environment using NUnit.
- **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  
*Web Developer* 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* 2008 - 2012
  - **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**

- **Microsoft**  
C#, VB.NET, WPF, MVC, MVVM, ASP.NET, Web API, Entity Framework, XAML
- **Database**  
T-SQL, MongoDB, Microsoft SQL Server, MySQL
- **Web**  
JavaScript, JQuery, AngularJS, ExpressJS, Node.js, Python

- **Technology**

- **Source Control**  
Git, TFS, GitHub, SourceTree
- **Deployment**  
AWS, Microsoft Azure, Heroku, LAMP, Jekyll
- **Build Systems**  
Gulp, Grunt, Vagrant, L<sup>A</sup>T<sub>E</sub>X
- **\*nix Technology**  
unix, vim, bash, zsh, screen
- **Software**  
WordPress, Adobe Photoshop, Adobe InDesign

- **Hobby**

- Music production in Logic Pro X
- Digital photography with Adobe Lightroom
- Digital painting with Corel Painter X
- Text editor magic in vim