

# Colan Boggess

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## Objective

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A successful, organized, detail-oriented Software Engineer in a fast-paced collaborative environment.

## Technical Skills

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**Languages/Frameworks:** .Net Core/Framework, HTML/CSS, JavaScript, C#, WPF/XAML, SQL Server  
**Tools/Other:** Azure DevOps, Azure Cloud Services, Veracode, MS Visual Studio, MS Office

## Relevant Experience

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### Senior Software Engineer (Full Stack), Cargill

September 2021 – Present

### Software Engineer (Full Stack), Cargill

January 2016 – September 2020

#### *Cargill Digital Solutions (Formerly Format Solutions)*

- Deliver enhancements and bug fixes using agile (scrum) methodology
  - MVC web server and WPF thick client (MVVM) communicate using RESTful API
  - Store secrets in Azure Key Vault
  - Store files in Azure Blob storage
  - Continuous monitoring with Azure Functions
  - Error reporting with Application Insights
- Build CI/CD pipeline with integration & unit tests, obfuscation across multiple release patterns
  - Deploy Infrastructure as Code and applications pipelines
  - Migrate codebase to Git
- Optimized performance of applications using JetBrains toolkit and SQL profiler
  - Converted slow LINQ queries to use SQL stored procedures
  - Lead refactor of AutoMapper
  - Refactor low performing screens to use DevExpress toolkit
- Responsible for analyzing and fixing security threats found using Veracode
- Collaborate and assist team lead in future product roadmap
  - Guide and train junior and new developers
  - Collaborate and coordinate with offshore team(s)

### Software Automation Engineer, Cargill

September 2014 – December 2015

#### *Feed Management Systems*

- Refactor and implement automation framework enhancements using C# and SQL
  - Interacts with shared database used by all applications and/or TFS
  - Spin up new projects when they arise
- Write hand written C# tests with requirements from User Stories and Bugs
  - For desktop client, server and web
- Maintain approximately 2000 C# regression scripts across all applications
  - Tests executed by custom written cmd scripts and store results in custom SQL database
- Write and enhance installation scripts using cmd and PowerShell for multiple applications
- Installation testing, both manual and automated during UAT and release night
- Oversee, guide, code review and provide insight on products on multiple scrum teams
- Update and troubleshoot Azure Virtual Machines
  - Includes updating templates for W7, W10, Server2012, Server2014, Server2016
- Possess Agile training from environments moving from Waterfall to Agile Methodology

### Software Automation Engineer, TriCom Technical Services

October 2013 – September 2014

#### *Contractor at Cargill*

- Write hand written Win/WPF OO code using C# to test new user stories and closed bugs
  - For both desktop client and web server
- Update CodedUI C# regression scripts to more OOP standards
- Update and troubleshoot Hyper-V Virtual Machines when issues arise with desktop client

**Relevant Experience (Continued)**

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**Designer / Developer, [www.colanboggess.com](http://www.colanboggess.com)**

Present

*Personal Website / Independent Project*

- .Net Core website with hidden easter eggs
- Future plan to merge all data from cboggess.com

**Designer / Developer, [www.cboggess.com](http://www.cboggess.com)**

September 2012 – September 2013

*Personal Website / Independent Project (Legacy Portfolio Website)*

- Website utilizes PHP, phpMyAdmin, HTML5, CSS3, JavaScript, and jQuery
- Coded completely from scratch using Notepad++

**Web Developer, Heger's Dairy**

October 2013 – November 2014

*Independent Contractor*

- Built two websites to owners' ideas and liking in HTML/CSS using Notepad++
- Crafted custom buttons using Photoshop

**Web Developer, Clary Business Machines**

December 2013 – February 2014

*Independent Contractor*

- Designed and implemented website to owners' specification in HTML/CSS using Notepad++
  - Slight PHP5 was implemented in the website
- Used Photoshop to tweak and perfect images

**Web Developer, Rural American Graphics**

February 2013 – August 2013

*Independent Contractor*

- Reconstructed website to owners' specifications in HTML/CSS using Notepad++
- Upgraded website to current web standards and enhanced website for better user interface

**Computer Technician, Richfield IT Association: RITA** February 2012 – September 2013*Volunteer*

- Help fix computers and assist students trouble shoot technical difficulties through a daylong event called "Control-Z" each quarter for the first year
- Lead seminars through a weeklong event called "I.T. Week"
- Helped Better Business Bureau employees with basic Windows computer training

**IT Tutor, Minnesota School of Business**

October 2012 – September 2013

*MSB Employee*

- Tutor students with IT questions and problems

**Web Developer, J Murphy and Associates**

January 2013 – May 2013

*Intern*

- Coded websites based off graphic designer's designs, for their clients with HTML5/CSS3
- Maintained current websites for their clients
- Performed computer maintenance on machines
- Set up new users and machines

**Web Developer, Redhawk Wealth Advisors**

September 2012 – December 2012

*Intern*

- Modified multiple websites to specifications utilizing HTML/CSS
- Temporarily in charge of the Dynamic Investment Allocation Logic: *D.I.A.L.*

**Education**

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Minnesota School of Business, Richfield, MN

**Bachelor of Science in Game and Application Development**

September 2013

**Associate in Applied Science in Game and Application Development**

September 2012

- Graduated with honors at a 3.55 GPA
- Final quarter enrolled in 29 credits and earned 3.86 quarter GPA
- Recognized honors or higher in seven quarters
- Awarded perfect attendance in six quarters