Thomas L Thornton Jr.

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**Software Developer**

**PROFILE**

I am a software developer with experience in a variety of languages and paradigms. Over the years, I have spent the vast majority of my time learning the latest software design best practices and technologies. I have a passion for delivering high-quality software that customers love.

Circle K, Tempe, AZ\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_01/2013 – 04/2013

* Build enterprise web applications
* .NET 4.5 / C# /ASP.NET MVC 4
* Javascript
* jQuery
* jQuery Validation
* Knockout.js
* Knockout mapping
* AJAX
* Jasmine
* MSSQL Server
* SQL Server Management Studio
* Stored Procedures
* Visual Studio

Logos Bible Software, Tempe, AZ \_\_\_ 03/2012 - 12/2012

* Develop desktop applications for Windows and Mac
* Application development completed on the .NET framework with C#, WPF and MVVM pattern.
* Develop custom WPF controls
* Animation with WPF
* Used asynchronous model for constructing user interface
* Source control via Git
* Extensive unit testing using Nunit
* Practiced continuous integration with both Cruise Control and Jenkins
* Use Mono to enable shared code for Windows and Mac version
* SQLite used for databases included with application
* Custom data layer for data access via embedded SQL statements
* Visual Studio 2012

Intel Corporation, Chandler, AZ 04/2007 - 03/2012

* Worked in the Yield Engineering & Analysis group
* Develop desktop application built with C#, WPF, WCF services with SQL server and Oracle data stores.
* Agile development environment with SCRUM
* Develop custom WPF user controls
* Leverage Infragistics controls for user interface
* Develop WCF services responsible for extracting, transforming and analyzing data.
* Develop WCF services for user management
* MSSQL Server databases for data storage
* Develop custom data layer using embedded SQL
* Use SQL Server Management Studio for developing SQL
* NUnit used for unit testing
* Moq used for creating mocks for unit testing
* Collect large volumes of test data from various manufacturing process
* Aggregating and transforming data into an appropriate state for analysis
* Analyzing data using a variety of statistical methods
* Wrote custom algorithm for performing Pearson Chi-Square tests
* Visual displays included, trend charts, scatter plots, Pareto charts and stacked bar charts.
* Handled issues involving caching of data, managing data latency issues and caching results of data analysis.
* Develop algorithm for detecting trends in yield data.
* Develop release website in ASP.NET MVC 3 and MongoDb.
* Develop administrative website for our desktop application, also in ASP.NET MVC 3 and MongoDb.
* Develop ASP.NET web application for contract worker management
* Utilize jQuery for web based user interface improvements
* Develop plugins for EMC Documentum WebTop applications in Java
* Develop Java and XML command line applications for administrative purposes
* Team Foundation Server used for source control
* TeamCity used for continuous integration

JPMorgan Chase Bank, Chandler, AZ\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_04/2005- 04-2007

Personal Banker/Financial Planner – Licensed Series 6/ 63

**PERSONAL EXPERIENCE**

Wish\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Under development

Personal, Open Source Side Project

Wish is a command line interface for the Microsoft Windows operating system. It features syntax highlighting, tabs/ panes and command, argument and directory histories.

Application built on the .NET framework with C#, WPF, Prism and MEF.

**EDUCATION**

Arizona State University \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bachelor’s Degree in Computer Science

Broome Community College\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Associates Degree in Liberal Arts

**References Available Upon Request**