DAVID MORTON - 713-632-5038 - DVD.MORTON@GMAIL.COM

PROFILE

Experienced developer with 17 proven years of making computers do good and useful things for humans.

TECHNICAL SKILLS

ADO Pipelines | Agile | AML | Angular | ASP.NET | Azure | **C#** | **CSS** | Debugging via decompiling | Dependency Injection | DevOps | Docker | Entity Framework | **F#** | Functional Programming | GIS | Git | **HTML** | **Javascript** | Jenkins | Jquery | MLOps | MVC | MVVM | .NET | Node.js | NUnit | **Objective-C** | Oracle | PostgreSQL | **Python** | ReSharper | SciKit Learn | SOLID | SQL Server | SQL Server Compact | TDD | Travis.CI | Visual Studio | VSTO | WCF | WinForms | WPF | **XAML** | Xcode

EXPERIENCE

Chevron   *Nov 2019-Present*

Technical Product Owner - Machine Learning Operations, Jan 2022-Present
- Identified and led a team to build a workflow to deploy, monitor, and retrain ML models
- Worked alongside Microsoft to give feedback on Azure Machine Learning and Cognitive Services
- Consulted with Data Scientists and ML engineers to deployment and manage ML models
- Worked with architects and cloud engineers to ensure proper compliance and governance of systems

Machine Learning Engineer, Nov 2019-Jan 2022
- Reorganized a development team to begin visibly showing measurable progress.
- Wrote devops pipelines to ensure data science and ML work was deployed to production.
- Led our team of combined data scientists and MLEs towards better engineering rigor.
- Reviewed the work of other teams within the organization for deployability and maintainability.
- Helped focus cloud infrastructure teams to better fill the needs of data scientists within the organization.

Spot Traceability   *May 2016-Nov 2019*

Lead Software Developer, May 2016-Nov 2019
- Designed, architected, and wrote the API and web side of Spot's flagship traceability application.
- Designed and implemented a dynamic forms product used by major oil & gas clients.
- Wrote automated deployment and monitoring methodologies using Slack bots.
- Replaced a team of four external consultants in my first two months.
- Implemented over 1,200 unit tests using TDD.
- Worked remotely 100% of the time.

JPMorgan Chase & Co.   *Aug 2013-May 2016*

Associate Team Lead, Jan 2015-May 2016
- Responsible for the output of an agile team of five developers.
- Managed a VSTO application with a WPF UI, and a backend on Server 2013 with 19 WCF Services.
- Onboarded 27 independent components onto continuous integration and deployment.
- Reduced coupling between reusable assemblies, dividing them into independent NuGet packages.
- Linked automated TeamCity builds with a proprietary deployment system.
- Organized the team to be self-sustaining by introducing peer code reviewing requirements.
- Developed small, high impact applications, deployed on over 17,000 desktops across the enterprise.
- Wrote Powershell scripts to standardize deployments.

Associate Developer, Aug 2013-Jan 2015
- Designed and implemented a greenfield VSTO application with a WPF UI with over 1500 unit tests.
- Designed a framework for 33 advanced PowerPoint charting types with custom formats.
- Defined and presented on the best practices for a proprietary deployment system.
- Worked heavily with, and developed a testable framework around COM Interop objects.
- Integrated the front-end application with WCF services providing data from a Mongo database.
- Led the team in story points completed, and number of lines of code written.
- Trained the team in dependency injection and Test Driven Development best practices.
- Worked in an Agile/SCRUM team using Atlasssian JIRA for issue management.

Muxica   *Jun 2012-Aug 2014*

Founder/Owner/Developer/Designer, Jun 2012-Aug 2014
- Created an iPhone app to intelligently crossfade music.
- Implemented an RMS compression algorithm to stabilize percieved audio volumes.
- Connected with external APIs to fetch and suggest music based on user listening habits.
- Implemented full accessibility to support visually-impaired users.
- App was named "App of the month" by the AppleVIS, a visual impaired users community.

LiquidFrameworks, LLC.   *Jul 2010-Aug 2013*

Senior Developer, Jul 2010-Aug 2013

- Maintained and developed a disconnected WPF application using SQL Server Compact.
- Transitioned the flagship product from a site-installed product to a cloud-based product.
- Implemented several bits of functionality in SalesForce cloud.
- Developed integration layers for Quickbooks, MAS90, Peachtree, and GreatPlains.
- Implemented NHibernate, Castle Windsor and an object proxy system for the flagship app.
- Developed two tie-in iOS applications using Objective-C.
- Used ProtoBuf serialization to replace SQL Server replication, speeding up sync 500-fold.
- Designed and implemented, from the ground up, an entire survey tool, along with 145 unit tests.

SolArc, Inc.   *Mar 2010-Jul 2010*

Senior Developer, Mar 2010-Jul 2010

- Designed and implemented a report editing component for RightAngle, a commodities trading software.
- Worked with a large-scale commodities trading platform written in WinForms and C#.
- Converted portions of a PowerBuilder application into C#.
- Designed a document editing system using Windows Workflow Foundation and DevExpress tools.

Catapult Systems   *Aug 2007-Mar 2010*

Senior Consultant, Aug 2008-Mar 2010

- Designed, implemented and presented on an MVVM implementation in Silverlight 3.
- Helped Catapult Systems, a Microsoft NSI, become thought leaders in the community.
- Developed an ASP.NET MVC 2 application for an aviation insurance company.
- Refactored a data-driven ASP.NET project to conform to SOLID principles.
- Led various presentations on new technologies, including Jquery.
- Worked for the Houston Texans for a short period of time maintaining their internal applications.

Consultant, Aug 2007-Aug 2008

- Helped design and develop an ASP.NET project at a major air services provider in Houston.
- Implemented JavaScript, Jquery and AJAX into ASP.NET when AJAX was brand new.
- Implemented a WinForms application for a Florida court system using CAB and Infragistics controls.

Hyperactive Concepts   *Sep 2006-Jun 2007*

Freelance Developer, Sep 2006-Jun 2007

- Developed C#, ASP.NET and Javascript applications for clients.
- Completed an administrative back-end in T-SQL for a computer training company.

Aaron Rents, Inc.   *Sep 2004-Aug 2007*

IT Applications Developer, Aug 2006-Aug 2007

- Integrated Lawson accounting system and Concur expense reporting system.
- Wrote an auto-dialer application with a user-friendly ASP.NET/Javascript UI.
- Learned C# and worked with CSLA business objects.
- Integrated accounting information between Made2Manage ERP and Lawson Accounting Software.

IT Field Support, Sep 2005-Aug 2006

- Re-imaged store servers and workstations using Norton Ghost.
- Configured servers and workstations with DNS, DHCP, WINS, etc.
- Automated my job by creating a VBA script.
- Automated the job of my coworkers by upgrading the VBA script to VB.NET.
- Took part in an ERP implementation, including translating data from the old data source to the new.

Acquisitions Auditor, Sep 2004-Sep 2005

- Led multiple acquisitions, converting data from the old POS system to the Aaron Rents POS system.
- Audited Aaron Rents store locations for compliance and risk management.
- Began efforts to automate portions of the process, including the creation of acquisitions documents.

ADDITIONAL ACTIVITIES

Founder/President, Houston F# Users Group; April 2009-December 2009
Marketed and led the F# Users group in conjunction with the local Microsoft Developer Evangelist.

AWARDS AND CERTIFICATIONS

Certified SAFe 5 Product Owner/Product Manager
Microsoft MVP (C#) 2010-2011
MCTS: .NET Framework 2.0 Web Applications

EDUCATION

Texas A&M University - Bachelors degree in Psychology with a minor in Philosophy - 1997-2001

REFERENCES

Available upon request.

ABOUT THIS RESUME

This resume is kept up to date at https://resume.hellodmo.com/