

Jordan Wages

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Education B.S. in Computer Engineering and Computer Science

December 2009

J.B. Speed School of Engineering, UofL, Louisville, KY

Dates attended 8/2005 – 12/2009

Responsible for 100% of tuition costs

Skills Technical Skills

- C# Programming
- Microsoft SQL Server DB
- ASP.NET
- MVC
- WCF Services
- C++ Programming
- MySQL DB
- Object Oriented Design
- Visual Studio
- Aptana Studio
- Windows (XP, 7, 10, 11)
- Windows Server 2008
- Linux (Debian, Red Hat)
- Office Suite (Microsoft Office, LibreOffice)

Additional Skills

- TSQL skills
- PHP and web design skills
- XNA and graphics skills
- Media production using Blender, Inkscape, and GIMP

Work Experience Self Employed – Video Editing and Promotion

Rochester, MN

Videographer, Editor

2020 – Present

- Recorded, edited, and compiled promotional recruitment video content for various Mayo Clinic departments.
 - Recorded original footage on Mayo Clinic's campus in Rochester, MN as well as the surrounding area.
 - Worked closely with stake holders within departments to deliver their vision to potential hires.
- Videos have been viewed more than 6,500 times within a niche viewing market.
- Sample work accessible at <https://jordanwages.com/video-production.html>

Moved from Kentucky to Minnesota to support my wife's dream job as a Pediatric Infectious Disease specialist at the Mayo Clinic.

2017

Zirmed, A Waystar Company

Louisville, KY

Software Engineer

2013 – 2017

- Responsible for maintenance and expansion of the Remittance component of an enterprise grade medical revenue cycle management suite.
 - Used .NET 4.5 and C# in maintaining payment processing and analysis of payment remittance.
 - Created user friendly customer facing websites used for monitoring and analysis of payment and remittance account information.
 - Developed back-end processing services for receiving, processing, and storing third party bank and payment information.
- Created custom tooling for internal groups including developers, QA personnel, and support staff.
 - Created and maintained a Windows File Explorer integration that implemented encryption and decryption capabilities based on a company wide standard.
 - Created a user friendly Windows Forms application for support staff that interfaced between active Microsoft SQL Server database records and long term IBM Rocket database storage for aiding in client support.
- Presented educational material to teammates regarding LINQ and its advantages in our multi-record centric business domain.
- Hosted team building events monthly within the team to create a sense of comradery between developers, QA, and management.

The Rawlings Group

La Grange, KY

Software Engineer

2011 – 2013

- Responsible for maintenance of an enterprise grade health insurance claim auditing and tracking software suite.
 - Used .NET 4.0 and C# in maintaining a custom claim auditing and tracking software suite used to monitor and research insurance claims for possible overpayment scenarios.
 - Interfaced a Silverlight client with WCF services hosted as both Windows services and in IIS6 and IIS7.
 - Worked closely with business unit interests as well as quality assurance teams to move through agile software development cycles.
- Progressively migrated functionality from legacy VB6 application into Silverlight web applications.
 - Incrementally moved features from VB6 application in stages.
 - Implemented a hybrid application with the legacy VB6 application acting as a shell and hosting the new Silverlight web application.
 - Created native-feeling functionality and interactivity between Silverlight and VB6 applications.
- Responsible for enhancing functionality and usability of a legacy Sharepoint Web Parts contact management and tracking application.
 - Added performance enhancements to improve system processing speeds.
 - Altered user interface and back end processing capabilities to allow for processing of multiple records, increasing contact specialists work throughput.
 - Worked directly with interested business units to deliver what would be most useful for direct users of the application.
- Responsible for extension and maintenance of a business critical legacy VB6 printing application.
 - Responsible for integrating a C# COM control into the VB6 application.

Alliant Technologies

Louisville, KY

Software Engineer

2007 – 2011

Las Vegas McCarran International Airport Terminal 3 Project

2010 – 2011

- Responsible for testing the HMI system for the Las Vegas McCarran International Airport Terminal 3 expansion.
 - Used Visual Studio to diagnose and remedy application level errors with both the server services as well as the front end control panel suite.
 - Used SQL Server Management Studio to diagnose and remedy database level errors with stored procedures, triggers and to alter table structures where necessary.
 - Used a proprietary conveyor emulation environment that runs on the QNX operating system to diagnose and remedy communication level errors between the conveyors and system servers.
- Installed all servers on site in Las Vegas.
 - Set up all physical machines on site.
 - Established virtual servers using Marathon protection and XenServer virtualization environment. Networked the physical and virtual machines to the programmable logic controllers used to communicate with and control the hardware in the facility.

- Responsible for creating an enterprise database manipulation, configuration and maintenance software suite for use at the UPS Worldport package sorting facility
 - Used the .NET 2.0 platform and C# to create a front end application to be used by UPS operators as well as extensive middle tier processing logic.
 - Interfaced with an Oracle database instance and presented user friendly structures that represented complex structures that were spread across multiple tables and in some cases multiple schemas.
 - Interfaced with a proprietary real time database.
 - Created a modular system that shared common controls, methods and system resources. This allowed future developers a means of adding to the application with minimal delay in learning the entire code base of the application. An interface was provided that, if followed, could integrate into the full application suite.
 - Documented the code base for future developers in executable help format.
 - Documented the application uses and procedures for end users.
- Designed a system monitoring and reporting service for Redhat Linux servers.
 - Used C and C++ to create a service that monitored various system and physical conditions of the server and reported the values to a real time database.
 - The service was self sustaining, designed to recover under an array of fault events, including thread and power faults.
- Designed HMI screens to be used in the UPS parcel handling HMI.
 - Used a proprietary SVG based design utility to create and maintain hundreds of drawings.
 - Used JScript to create animations and achieve specialized data processing.
- Tested various system functions according to customer specifications.
 - Used customer requested testing methods to ensure that all system modules operated properly both alone and in communication with other sections.

Applied Experience Independent Project

Program Design

- Used C# and WPF to design a graphical user interface for a popular command line media application.
 - The program provides a user friendly interface for interacting with the popular third party application *butterflow*.
 - Provides additional user options such as storing and reusing option configurations.
 - Fully localized in six languages.
- Distributed as an open source project on Github.com.
 - Released under the MIT License.
 - Downloaded more than 3,600 times
- Accessible at <https://github.com/wagesj45/butterflow-ui>

Independent Project

Input Processing Library

- Used C# to design a library capable of computing user input.
 - The library utilizes the .NET 4.0 platform and the Coco/R compiler compiler.
 - Capable of computing expressions of variable length.
 - Capable of storing variables as either static values, static arrays or composite expressions comprising of embedded values, variables and expressions.
 - Integrated scripting allows for both compile time and run time method extension.
- Distributed as an open source project on SourceForge.net, then migrated to Github.com.
 - Released under the GNU Library or Lesser General Public Library (LGPL) license.
 - Downloaded more than 5,300 times.
 - Used in enterprise production systems.
- Accessible at <https://www.cs-mic.com>

Activities and Honors Hobbies include developing and writing programs in C, C++, C# and PHP
 National Merit Scholar, 2005