

**PAUL RYBURN**  
**901-581-8113**  
**paul.ryburn@gmail.com**

**PROFILE**

Experienced web developer with over 15 years of proven success with multiple organizations. Notable technologies include PHP, SQL, and Javascript. Bachelor of Arts in Computer Science and Mathematics. Master of Science in Mathematical Sciences. Seeking a web developer or digital marketer opportunity in Memphis where I can use my expertise to increase usability and reduce costs.

**STRENGTHS**

- Communication
- Programming expertise
- Creativity
- Problem solving
- Teaching
- Teamwork

**EXPERIENCE**

**Web Developer**

March 2009 - January 2018

*American Contract Bridge League, Horn Lake, MS*

- Technologies used: PHP, Laravel framework, Zend framework, Twitter Bootstrap responsive framework, Visual LANSA, Amazon Web Services (AWS), IBM i (AS/400), MySQL, DB2 SQL, Javascript, JQuery, AJAX, HTML5, CSS, Linux, Git, Bitbucket, SendGrid, Carbon
- Spearheaded effort to develop PHP/Laravel Artisan jobs that automated ebilling for organization's 168,000 members. Approximately 5,500 ebills were sent per month, saving thousands of dollars a month in postage and supplies
- Wrote migrations to create tables in Aurora on AWS; wrote seeders to transfer data from AS/400 mainframe
- Developed many PHP/Zend Framework applications as part of a web team, using development practices including scrum, pair programming, unit testing and acceptance testing.
- Used Git for source control and Bitbucket Pipelines to push code from development to staging to production.
- Was hand-picked by the Director of Marketing to move from the IT department to the Marketing department as a technical liaison. Was lauded by Marketing and IT staff for communication ability, explaining technical matters to people without an IT background. Continued to attend scrum with IT after moving to Marketing.
- Administered WordPress installation to publish content on company website averaging 30,000 pageviews per day.
- Served as technical lead for the adoption of Cludo site search tool. Input thousands of terms to smarten Cludo on the game of bridge, reducing ineffective searches from around 30% to 1.5%
- Initiated effort to improve member experience with digital publication of monthly magazine. Identified third-party publisher Nxtbook as the best solution; worked with them on cookie-based solution to ensure that the magazine was only accessible to members

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**Developer**

November 2007 - October 2008

*Verified Person, Memphis, TN*

- Developed ASP.NET/SQL Server solutions to import files from various criminal jurisdictions into company's data warehouse
- Converted legacy VB.NET code to C#; wrote stored procedures, transformation XML, and C# code to map data to company database tables
- Working on a team with another developer, led effort to create a prototype person search/criminal history check program in C#/SQL Server, to demo to the Board of Directors as a possible future revenue stream
- Worked with a third party provider to get data; worked under a very tight deadline.
- Created an employment application management tool using PHP and MySQL Used PHP Zend Framework and also the Prototype Framework for Javascript. Assisted another PHP developer working on a verification tool when needed.

**Senior Applications Programmer**

April 2006 - June 2007

*Memphis City Schools, Memphis, TN*

- Developed ASP.NET/VB.NET applications using Visual Studio, hitting a SQL Server 2000 database. Was the first programmer in the department to deploy an ASP.NET 2.0 application to production.
- Developed an asset inventory application which allowed the schools to track which items were eligible for federal assistance for maintenance contracts, saving MCS thousands of dollars
- Created a system for potential volunteers to fill out applications online. System saved MCS money that was being wasted on duplicate background checks under the old, paper-driven method
- Conducted meetings and demos with non-technical clients to extract their business processes and to train them on the use of the final product; praised by project management supervisor for excellent communication

**Programmer/Analyst**

October 2004 - April 2006

*Advertising Checking Bureau, Memphis, TN*

- Development consisted of complete ASP.NET sites and some hybrid ASP.NET/Classic ASP sites. Coding included VB.NET, VBScript, HTML, CSS stylesheets, and some Javascript.
- Data store was SQL Server for large rebate programs and Microsoft Access for smaller ones. Worked extensively with T-SQL, stored procedures. Used Data Transformation Services (DTS) to move data from Access to SQL Server, to schedule automated nightly updates of data, and to dump data to Excel spreadsheets for reporting.
- In meetings with clients, discussed business processes, worked with them to extract business rules to be translated into code. Clients included Bryant, York, Panasonic, Samsung, Xerox, and Shell.

**Information Technology Specialist**

June 2001 - December 2003

*Whitmor Manufacturing/Earle Industries, Earle, AR*

- Developed Visual Basic 6 programs that used Automation to control Office applications. Created custom financial statements in which Access data was delivered on-demand to Excel worksheets. Created a Bill of Lading form which read store data from Excel worksheets and sent the data to Word to create attractive printed output.
- Trained employees on use of Windows, Microsoft Office, and custom applications used to manage the factory.

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**Instructor, Mathematical Sciences**

1992 - 1999

*University of Memphis, Memphis, TN*

- Full-time faculty member 1994-1999, graduate assistant 1992-1993.
- Taught 3-4 undergraduate mathematics and computer courses per semester. Quickly gained a reputation for being patient and easy to understand; received accolades for working well with students with disabilities.
- Was named course director of the Computer Literacy course in fall 1997. Completely responsible for all aspects of a required undergraduate course serving 500 students with 33 lab sections per semester. Selected textbooks, hired lab assistants.
- Created an Access-based system for recording lab grades, eliminating hefty departmental expense on bubble sheets and reducing errors from 30% to practically zero
- Served on Addison-Wesley's textbook development committee for Computer Literacy textbooks, at their invitation

**EDUCATION**

**Master of Science in Mathematical Sciences**

*University of Memphis, Memphis, TN*

- All 34 hours in Computer Science
- Award received for outstanding teaching by a graduate assistant

**Bachelor of Arts, Computer Science and Mathematics**

*Rhodes College, Memphis, TN*

**LEADERSHIP**

**Director of Public Relations & Member**

2012 - 2018

*Moody Ques, Memphis, TN*

- A 40-member cooking team with a budget of \$23,500 per year that competes in Memphis in May's World Championship Barbecue Cooking Contest. Was recognized by team president for vast improvements in email communications, website, and member and sponsor recruitment.

**Board Member & Member**

2002 - 2008

**MPACT Memphis, Memphis, TN**

- Served as a technical advisor to the Executive Director on Phase III of the organization's website; reviewed proposals from three development firms.
- Orchestrated Memphis Music Series event promoting local musicians. Supervised venue reservation, hiring of artists and sound engineers, obtaining of permits. Wrote a proposal selling Memphis' benefits to sponsors which resulted in a \$2,000 annual sponsorship from D. Canale Distributors.
- Coordinated a phonathon in which volunteers called members to get them to renew for 2005, donate, update their contact information. Membership chair called it a success and a model for future years.
- Coordinated two Community Involvement events in conjunction with Friends for Life.