

# Isaac Mayes

Austin, TX, USA 78728 • [www.mayesid.com](http://www.mayesid.com)  
+1 (512) 953-7302 • [contact@mayesid.com](mailto:contact@mayesid.com)

---

## Technical Skills

**Languages:** C#, SQL, PowerShell, Java, Python, L<sup>A</sup>T<sub>E</sub>X

**Technologies:** .NET Framework, Entity Framework, SQL Management Objects (SMO), Active Directory Services (AD), Windows Communication Foundation (WCF), Internet Information Services (IIS), Windows Presentation Foundation (WPF), Windows Forms (WinForms), XML, NUnit, Moq, Apache log4net, Subversion (SVN)

**Applications:** Visual Studio, ReSharper, SQL Server Management Studio (SSMS), SQL Server Profiler, Visual Studio Code

---

## Experience

### • Signature Science

*Database Developer/Full Stack Specialist, Data Science & Quality Assurance Group*

**Austin, TX**

*Jun 2017 – Present*

- Design, develop, and maintain ASP.NET web applications.
- Design, develop, and maintain Oracle PL/SQL and MS SQL databases.
- Provide technical guidance and assistance to statisticians and scientists in regards to database access and operations.

### • Computers Unlimited

*Programmer, Industrial Group*

**Billings, MT**

*May 2014 – Jun 2017*

- Responsible for new and on-going development and support in several core applications, including: all security services and Active Directory integrations, user account set-up and authorization management applications, system set-up and system configuration applications, custom user-defined information management framework, SQL data migration framework, SQL data audit system, as well as an application for scheduling Batch processing jobs and the corresponding job execution service.
- Architecture Advocate for the Industrial Group since 2015. Attend weekly meetings with other architecture leads from each development group to discuss current development initiatives and programming standards. As well as serving as a point-of-contact for the Industrial group on architecture-related questions and discussion.
- Regularly work with Technical and Application Support teams on troubleshooting customer issues and improving applications.
- **Primary technologies:** C#, .NET, SQL, Entity Framework, SMO, WCF, IIS, WPF, WinForms, AD, XML, PowerShell, Batch, log4net, NUnit, Moq, SVN, Visual Studio, ReSharper, SSMS, SQL Server Profiler, Windows Server 2008-12.

*Intern, Regression/Automated QA Group*

*Jan 2014 – May 2014*

- Analyzed nightly unit test runs, assigned QA logs for broken tests, and compiled a daily report on the status of each build.
- Automated written test plans in a proprietary regression framework, and documented test plan details on an internal wiki.
- Assisted in the maintenance of internal tools used by Regression, including improvements to the Regression Testing Framework.
- **Primary technologies:** C#, .NET, SQL, WinForms, XML, NUnit, Moq, SVN, Visual Studio, SSMS, Windows Server 2008-12.

### • Rocky Mountain College

*Website Administrator, Student Publications*

**Billings, MT**

*Jan 2013 – May 2013 & Jan 2014 – May 2014*

- Administrated the website for the student newspaper, The Summit, during all active periods from 2013 through spring 2014.
- Worked with editors to post news content, pictures, and articles on a regular basis; coinciding with publications of the paper.
- Maintained the website's WordPress install, and managed changes to improve the users' experience and website functionality.

*By-Appointment Tutor, Services for Academic Success*

*Sep 2012 – May 2014*

- Held appointments with students, on request, to best fit their schedules and tailor aid according to their individual needs.
- Promoted the understanding of core concepts and best practices, and assisted with technical questions on syntax and semantics in programming assignments.
- Services primarily requested by students taking freshman-level introductory courses (CSC 130/131).

*System Administrator, Computer Science Department*

*Mar 2012 – May 2014*

- Handled network troubleshooting, assisted users with account and software issues, and researched improvements to be made.
- Physically maintained the computer lab set-up by routing cables, installing UPSs, and replacing old or faulty hardware.
- Updated and installed new software, including a major OS version upgrade to OS X Mavericks, on all machines.

*Help Desk Assistant, Academic Computing*

*Sep 2011 – May 2013*

- Maintained campus printers and computer lab PCs; including the restoration and configuration of damaged and new machines.
- Aided students with troubleshooting networking issues in on-campus housing: from configuring routers, to handling port issues on the buildings' network switches.
- Provided technical support for staff and students in a timely manner through an online support ticket system, and in-person.

*Website Administrator, Computer Science Department*

*Sep 2010 – May 2011*

- Restructured the Computer Science department's website for their annual High School Programming Competitions.
  - Archived and organized media content, including: pictures, videos, problem sets, and results from past competitions.
  - Updated the website's WordPress installation, plugins, and theme, in order to improve the accessibility of the content.
-

## Education

- **Rocky Mountain College**

*Bachelor of Science in Computer Science*

**Primary technologies:** Java 6/7, Swing, Concurrent Versions System (CVS), NetBeans, Mac OS X

**Billings, MT**

*Aug 2010 – May 2014*