

# Isaac Mayes

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## Technical Skills

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

**Technologies:** .NET Framework, Entity Framework, ASP.NET, Internet Information Services (IIS), Oracle Application Express, Subversion (SVN), Git, MediaWiki, Hangfire

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

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## Experience

- **Signature Science**

*Full Stack Developer/Database Specialist, Data Science 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.
- **Primary technologies:** C#, .NET, SQL, Oracle Database, MS SQL Database, Git, Visual Studio, SSMS, Oracle SQL Developer, Oracle Application Express, ASP.NET, Hangfire.

- **Computers Unlimited**

*Programmer, Industrial Group*

**Billings, MT**

*May 2014 – Jun 2017*

- Responsible for development and support of several core systems and applications, including: security services, user authentication and authorization processes, user configuration applications, initial system set-up and configuration applications, user-defined interface creation and management framework, SQL database migration framework, SQL data auditing systems, batch job execution scheduling application and job processing framework.
- Architecture representative for the Industrial Group. Met with architecture leads from other development group to discuss current development initiatives, and company-wide programming standards. Also served as a point-of-contact for the Industrial group on architecture-related updates, questions, and discussions.
- Coordinated support and troubleshooting efforts with Technical and Application Support teams to resolve customer issues, and improve application usability and reliability.
- **Primary technologies:** C#, .NET, SQL, Entity Framework, Windows Communication Framework, IIS, Windows Presentation Foundation, WinForms, Active Directory services, XML, PowerShell, MS DOS Batch, Apache log4net, NUnit, Moq, SVN, Visual Studio, ReSharper, SSMS, SQL Server Profiler, Windows Server 2008-12, MediaWiki.

*Intern, Regression/Automated QA Group*

*Jan 2014 – May 2014*

- Analyzed nightly unit test runs for active builds, in order to compile a daily report on the build status, while logging failed tests and investigating causes to attribute to specific revisions by developer.
- Automated written test plans within a proprietary regression framework, and documented automated 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, MediaWiki.

- **Rocky Mountain College**

*Website Administrator, Student Publications (The Summit)*

*Paid Note-Taker (Algorithms, Python), Services for Academic Success*

*By-Appointment Tutor (Computer Science), Services for Academic Success*

*System Administrator, Computer Science Department*

*Help Desk Assistant, Academic Computing*

*Website Administrator, Computer Science Department*

**Billings, MT**

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

*Sep 2013 – Dec 2013*

*Sep 2012 – May 2014*

*Mar 2012 – May 2014*

*Sep 2011 – May 2013*

*Sep 2010 – May 2011*

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## Education

- **Rocky Mountain College**

*Bachelor of Science in Computer Science*

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

**Billings, MT**

*Aug 2010 – May 2014*