Isaac Mayes

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Experience

- **Signature Science** — **Austin, TX**

  Full Stack Developer/Database Specialist, Data Science Group — *Jun 2017 – Present*

  - Design relational database storage solutions and develop database applications for accessing and automated processing of data in varied technology stacks across several projects for different government clients.
  - Provide technical guidance regarding data storage capabilities, database automation, and software solutions to project managers, staff scientists, and external clients.
  - Support existing solutions for data processing by working directly with end-users, both internal and external, to troubleshoot functionality and improve feature offerings.
  - Enact software development best-practices such as version control, isolated testing environments, shared development environments, standardized deployment procedures, and documenting code standards and regular maintenance processes for legacy and new projects.
  - **Languages**: PL/SQL, VB.NET, C#, T-SQL, XML, JSON, JavaScript, HTML, CSS, Visual Basic for Applications (VBA), PowerShell
  - **Technologies**: Oracle SQL Database, Oracle Application Express (APEX), Oracle Rest Data Services (ORDS), .NET Framework, ASP.NET, WebForms, ADO.NET, Entity Framework, Microsoft SQL Database, Microsoft Access, Git
  - **Applications**: Oracle SQL Developer, SQL*Plus, SQL*Loader, Visual Studio Code, Visual Studio, SQL Server Management Studio (SSMS), Internet Information Services (IIS), Apache Tomcat, Sourcetree, Jira, SharePoint, Windows

- **Computers Unlimited** — **Billings, MT**

  Programmer, Industrial Group — *May 2014 – Jun 2017*

  - Responsible for development and integration of several core systems and applications, including: security services, user authentication and authorization processes, user configuration and management applications, initial system set-up and configuration applications, custom user-defined interface management framework, SQL database migration framework, SQL data auditing systems, Batch job execution scheduling application and associated job processing framework.
  - Served as an architecture representative for the Industrial Group. Participated in weekly architecture meetings for discussing current development initiatives and company-wide design changes with lead developers from every development group.
  - Coordinated support and troubleshooting efforts with Technical and Application Support teams to troubleshoot and provide resolutions to customer issues.
  - **Languages**: C#, T-SQL, XML, JSON, XAML, PowerShell, Batch
  - **Technologies**: .NET Framework, Entity Framework, ADO.NET, Microft SQL Database, Windows Presentation Foundation (WPF), WinForms, Windows Communication Framework (WCF), Active Directory Domain Services, LDAP, OAuth, Apache log4net, NUnit, Moq, Subversion (SVN)
  - **Applications**: Visual Studio, ReSharper, SSMS, SQL Server Profiler, IIS, TortoiseSVN, MediaWiki, Windows

  Intern, Regression/Automated QA Group — *Jan 2014 – May 2014*

  - Assisted in the maintenance and feature implementation on internal tools used by the Regression team, including improvements to the proprietary automated Regression Testing Framework.
  - Adapted written test plan steps for automation in the Regression Testing Framework and documented test plan execution details on an internal wiki.
  - Analyzed nightly unit test runs across builds for all supported software versions to compile daily reports on the statuses, while also logging failed tests and investigating to attribute causes to specific code revisions.
  - **Languages**: C#, T-SQL, XML
  - **Technologies**: .NET Framework, Microft SQL Database, WinForms, NUnit, Moq, SVN
  - **Applications**: Visual Studio, SSMS, BugZilla, MediaWiki, Windows

- **Rocky Mountain College** — **Billings, MT**

  Website Administrator, Student Publications (The Summit) — *Jan 2013 – May 2013 & Jan 2014 – May 2014*

  Paid Note-Taker (Algorithms, Python language study), Services for Academic Success — *Sep 2013 – Dec 2013*

  By-Appointment Tutor (Computer Science), Services for Academic Success — *Sep 2012 – May 2014*

  System Administrator, Computer Science Department — *Mar 2012 – May 2014*

  Help Desk Assistant, Academic Computing — *Sep 2011 – May 2013*

  Website Administrator, Computer Science Department — *Sep 2010 – May 2011*

Education

- **Rocky Mountain College** — **Billings, MT**

  Bachelor of Science in Computer Science — *Aug 2010 – May 2014*

  Languages: Java, Python, JavaScript, PHP, HTML, CSS, SQL, XML, C, ASM, SML/NJ

  Technologies: Swing, Concurrent Versions System (CVS), Mckoi SQL DB

  Applications: NetBeans, Eclipse, Mac OS X