

Isaac Mayes

Billings, MT, USA 59102 • www.mayesid.com
+1 (512) 953-7302 • contact@mayesid.com

Technical Skills

Languages: C#, SQL, Java, Python, Powershell, Batch, L^AT_EX

Technologies: .NET Framework, Active Directory, XACML Architecture, Entity Framework, Windows Forms (WinForms), Windows Presentation Foundation (WPF), XAML, Internet Information Services (IIS), XML, NUnit, Moq, Apache log4net, Subversion (SVN)

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

Experience

• Computers Unlimited

Programmer, Industrial Group

Billings, MT

May 2014 – Present

- Code owner and point of contact for several core systems, including: security services and Active Directory integrations, user set-up and authorization applications, user-defined information management framework, SQL data audit system, software set-up and system configuration applications, SQL data migration framework, as well as a batch job processing service and the corresponding job scheduling application.
- Current Architecture Advocate for the Industrial Group. Requires attendance at weekly meetings with other architecture leads from each group to discuss current development initiatives and programming standards. Also responsible for disseminating architecture-related information to other group members, and assisting with related questions as they arise.
- Regularly work with Technical and Application Support teams on troubleshooting customer issues, in a timely manner.

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.

• 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.

System Administrator, Computer Science Department

Sep 2013 – 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.

Paid Note-Taker, Services for Academic Success

Sep 2013 – Dec 2013

- Required to take complete, detailed, well-written notes for use by students requiring additional academic assistance.
- Responsible for submitting photocopies of all notes taken on a weekly deadline.
- Notes taken for the Computer Science classes: CSC 351 (Algorithms), and CSC 352 (Programming Language Study I - Python).

By-Appointment Tutor, Services for Academic Success

Sep 2012 – May 2014

- Held appointments with students, on request, in order 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).

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.
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Education

• Rocky Mountain College

Bachelor of Science in Computer Science

Billings, MT

Aug 2010 – May 2014