Chad Marmon

Helena, MT   650 799 7836   chadrmarmon@icloud.com   GitHub: [chadthman](https://github.com/chadthman)

Education	**BS in Computer Science** from Montana State University Bozeman. **Graduated:** December 2013 **Cumulative GPA:** 3.27

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Technical Knowledge

Languages: Java, JavaScript, Python, PL/SQL, and Objective C
Frameworks: jQuery, Node.js, Struts2, and Hibernate
Platforms: Linux/UNIX, macOS, and Windows
Software: Terminal, Eclipse, MyEclipse, Xcode, inteliJ, and PL/SQL Developer

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Professional Experience

Montana Fish, Wildlife & Parks, Software Engineer, April 2014 - Present
• Built REST applications used for data collection across FWP.
• *Hatchery System:* System for tracking fish growth from eggs to fingerlings.
• *Aquatic Invasive Species:* Dynamic form designed to collect information from boat inspection sites across Montana as they are collecting it.
• *Game Damage Administration:* System for keeping track of the process of game damage complaints, eligibility, and actions associated to improve consistency across the state.
• *Notice to Appear:* Rewrote app used to manage people's restrictions on buying licenses handed down from the courts and Smart Cop.
• *Daily Processes:* Help monitor and manage jobs that are ran on a daily basis.

Montana Legislative Services Division, Summers 2012 - 2013
Software Engineer Intern, **2013:**
• Wrote software for migrating the archives of previous congressional sessions.
• Queried an Oracle database for metadata on the archives.
• Had to create process with FFMPEG for converting video files.
• We inserted over 400 GB of data into the Granicus system.

Network Admin Intern, 2012:
• Provided support to division employees.
• Worked one on one assessing users' problems.
• Wrote VBScripts to help with the migration to Windows 7.

Montana State ITC, User Support Associate, January 2012 - December 2013
• Monitor ITC computer labs.
• Provided technical assistance at the Help Desk.
• Provided phone technical support.

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Personal Experience

• **Stratofall**: Skydiver distance challenge game for Android.
• **Weather Wonder**: iOS App for predicting weather trends.
• **marmon.tech:** My personal website wrote in Node.js

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Publications:

S. Morrison-Smith, S. Dighans, T. Daniels, C. Marmon, C. Izurieta, "Technical Debt Reduction Using a Game Theoretic Competitive Source Control Approach," The CUR Quarterly January (2013).