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## Objective:

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To create tools and paradigms that enable individual people and humanity as a whole to reach a greater potential through the use of technology.

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## Education:

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**Rocky Mountain College** *Billings, Montana* *August 2006 - May 2011*

Earned two Bachelors of Science (Computer Science, Mathematics) in five years. Worked on several software development projects with other students in the CS department, including tools to help computational biology research students perform genome analysis on Rocky's local computing cluster.

**Humboldt University** *Berlin, Germany* *July - August 2009*

Studied German Language and Contemporary German Music Culture at Humboldt University Summer Uni.

**Gymnasium Burgdorf** *Burgdorf, Switzerland* *September 2005 - May 2006*

Youth for Understanding year-long cultural exchange program. Lived with a Swiss host family and studied at a Swiss Gymnasium for a year, while becoming fluent in German.

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## Employment:

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**Chief Software Architect** *Design Delegates, LLC.* *October 2010 - Present*

Responsible for the entire technology stack at a start-up software development company. Accomplishments include developing several platforms to facilitate web programming, implementing a continuous integration server across several languages and frameworks, and architecting several medium-scale projects with a team of five developers and designers.

**Software Developer** *Entre Technology Solutions, LLC.* *September 2007 - October 2010*

Managed medium-scale software projects for several Montana companies, including the Stillwater Mining Company, Town Pump of Montana, and Crowley Fleck Law Firm. Developed and implemented a unique solution to e-discovery motions. Continue to support these projects as a consultant.

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## Projects:

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**JEFRi** *Javascript Entity Framework Runtime*

Designed and implemented a complete entity framework for cross-platform applications. JEFRi is a platform similar to .NET Entity Framework and Hibernate that allows developers to focus on the problem domain, rather than repetitive code modules. <http://code.google.com/p/jefri/>

**jmtt** *jQuery Minimal, Semantic TreeTable Component*

Created a jQuery UI widget to display lists of hierarchical data in a tabular format. The design places an emphasis on the minimal valid HTML while expressing the semantics of a hierarchical display of tabular data. <http://code.google.com/p/jmtt/>

**Crosslight** *Cross-platform Lighttpd/PHP/SQLite*

Created a cross-platform web development toolkit, allowing developers to create and deploy web applications directly to user's desktops. <http://code.google.com/p/crosslight/>

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## Associations:

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- Volunteer** *Montana Organizing Project* *July 2010 - Present*  
Worked to mold ideas presented at the MOP Annual Conference into a viable platform and agenda for social justice campaigns in Montana.
- Delegate at Large** *Grace UMC Administrative Council* *September 2009 - Present*  
Served as the young-adult delegate on the main advising and decision-making board of Grace United Methodist Church.
- Technologist** *RMC SIFE* *August 2010 - December 2010*  
Implemented and administered a Google Apps collaboration system, allowing for more a more diverse workload among the team.

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## Awards:

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- MSGC Grant** *Montana Space Grant Consortium* *May, October 2008*  
Received grants from the Montana Space Grant Consortium for pursuing work on Clustered Autonomous Migration Protocol.
- Eagle Scout** *Boy Scouts of America* *October 2005*  
Led a group of Boy Scouts to design, build, and place much-needed signage for Grace United Methodist Church, Billings, MT.

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## References:

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- Jeff Lethert** *Co-owner & CEO, Design Delegates, LLC* [jefflethert@designdelegates.com](mailto:jefflethert@designdelegates.com)
- Mike Keene** *President & Owner, Entre Technology Services, LLC* [mkeene@entrent.com](mailto:mkeene@entrent.com)
- K. Stuart Smith** *Professor & Department Chair, Computer Science, Rocky Mountain College* [smithk@rocky.edu](mailto:smithk@rocky.edu)
- Andrew Niemantsverdriet** *System Administrator, Rocky Mountain College* [andrew@rocky.edu](mailto:andrew@rocky.edu)

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## Interests & Activities:

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**Outdoors:** Bicycling, Mountaineering, Golfing; Climbing, Rafting, Canoeing, Hiking. **Indoors:** Dancing (West Coast Swing), Settlers of Catan, Literature (Especially Shakespeare, John Steinbeck, and Charles Dickens).  
**Virtual:** Star Trek, Quentin Tarantino, Slashdot, Software Craftsmanship.

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*There is no greater pleasure than the pleasure of finding things out. - Richard Feynman*

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