

# Clinton McKay

*Master of Science: Computer Science*

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## Computer Skills

Java	<b>Advanced</b>	<i>Main language by my degree.</i>
C#	<b>Advanced</b>	<i>Took courses using C# also had a job that involved .NET programming.</i>
Perl	<b>Advanced</b>	<i>Used Perl as my primary language for two years.</i>
R	<b>Intermediate</b>	<i>Spent a year programming R scripts for data visualization and analysis.</i>
Objective-C	<b>Intermediate</b>	<i>Built an iPhone application for the health department.</i>
C/C++	<b>Intermediate</b>	<i>Implementing a parallel computation course. Assignments are in C/C++</i>
Python	<b>Intermediate</b>	<i>Been using python for almost two semesters.</i>

## Education

- 2007-2014 **B.S.**, *University of Montana*, Missoula, *3.30 GPA*.  
Computer Science Major and Mathematics Minor
- 2012-2014 **M.S.**, *University of Montana*, Missoula, *3.20 GPA*.  
Master of Science: Computer Science Degree

## Master Project

- Project *Introduction to Parallel Computation*
- Advisors Travis Wheeler Ph.D, Joel Henry Ph.D., & Bharath Sriraman Ph.D.
- Abstract Developed a course designed to teach students about parallel computation, parallel algorithms, and concepts.

## Experience

- Aug. 2014 – **Software Developer**, *Agile Legal Technology*, Missoula, MT.  
Implemented components for START::Review that utilize concurrent models to help speed up data importation and processing.
- Aug. 2012 – **Teachers Assistant**, *University of Montana*, Missoula, MT.
- May 2014 Taught Microsoft Excel and Access.
- June 2013 – **System Maintainer**, *University of Montana*, Missoula, MT.
- August 2013 Setup a set of perfSONAR systems such that the University of Montana and the Missoula Fire Lab can monitor network performance on their DMZ link.
- May 2012 – **Programmer**, *Indiana University of Bloomington*, Bloomington, IN.
- July 2012 Participated in the NSF funded InCENTRE program at Indiana University Bloomington. The program involved training students about their Network Operations Center (NOC) and getting them involved with various projects. My project involved parsing ARIN.net's registered IP blocks and pulling out the administrator emails for later use by REN-ISAC.
- Oct. 2010 – **Programmer**, *University of Montana*, Missoula.
- May 2011 Constructed an iPhone application that helps individuals reach physical fitness goals.

- Oct. 2010 – **Grader**, *University of Montana*, Missoula.  
Dec 2010 Graded projects and quizzes for the Operating Systems course.
- Feb. 2010 – **Programmer**, *University of Montana*, Missoula, MT.  
May 2010 Using .NET and C#. I added backend code and several administrator pages for the Forestry Department's website. In conjunction, I also added additional components that visualize Montana tourist statistics.
- Feb. 2010 – **Grader**, *University of Montana*, Missoula, MT.  
May. 2010 Graded student projects and quizzes for the Programming Languages course.

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## Other Skills and Hobbies

- Fluent in French
- I wish I could play games gamer.
- Biking
- Traveling
- Building desktop computers.
- Regular Science Fair volunteer