

**Sean Fisk**  
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## Objective

I am a dedicated Computer Science graduate pursuing a position in software development.

## Education

<b>Grand Valley State University</b> Master of Science degree in Computer Information Systems <i>Recipient of Graduate Assistantship in High-Performance Computing lab, G.P.A. 3.910.</i> Bachelor of Science degree in Computer Science/Honors College <i>Recipient of full scholarship, G.P.A. 3.857.</i>	Allendale, MI 2011 – 2014  2008 – 2012
<b>Jenison High School</b> Diploma, 2008; G.P.A. 4.244 <i>Recipient of Computer Science Graduation Award and Orchestra Leadership Award, Grand Rapids Press Superstar Senior, National Merit Finalist, National AP Scholar</i>	Jenison, MI 2004 – 2008

## Work Experience

<b>National Center for Atmospheric Research</b> <b>Intern</b> Developed custom domain-specific language interpreter in RPython. Performed high-performance computing research on NCAR's Yellowstone supercomputer.	Boulder, CO May 2013 – August 2013
<b>Atomic Object</b> <b>Software Developer</b> Groovy and Grails (Java-based) Web Development	Grand Rapids, MI May 2012 – August 2012
<b>Atomic Object</b> <b>Apprentice</b> iPhone Development Web Development Ruby on Rails Development	Grand Rapids, MI May 2011 – August 2011
<b>International Material Control Systems</b> <b>Information Technology</b> Web Development Windows 2003/Active Directory Maintenance Backup Management Tech Support	Holland, MI June 2010 – August 2010
<b>MetroHealth Hospital</b> <b>Information Technology</b> Developed several programs that are used daily for MetroHealth. Created e-forms that are used by the hospital in their daily protocoling process. Developed database transfer programs.	Grand Rapids, MI 2007 – Present
<b>Cannonsburg Challenged Ski Association</b> <b>Volunteer Ski Instructor</b> Instructed physically disabled students.	Grand Rapids, MI 2007 – 2008

## Skills and Abilities

**Programming Languages** Python, C++, bash, C, PHP, Objective-C, Web (HTML, CSS, JavaScript, SASS/SCSS)

**Libraries (Python)** Standard Library, PySide (Qt), unittest, pytest, mock, Requests, lxml, Cython, Jython, PyPy, SciPy, NumPy, matplotlib, SQLAlchemy, Mayavi, Sphinx/reStructuredText, wxPython

**Libraries (C/C++)** Q Toolkit (Qt), Boost C++ Libraries, LLVM, GNU Bison, Flex, Message Passing Interface (MPI), pthreads, OpenMP, GraphicsMagick

**Version Control** git, Subversion, Mercurial, GitHub, GitLab

**Build Systems** GNU Make, CMake, Waf, SCons

**Compilers (use of)** GCC, Clang, MSVC, MinGW

**System Administration** Administering GNU/Linux systems, provisioning with Opscode Chef

**Operating System Experience** OS X, iOS; Microsoft Windows XP, Vista, 7, 8; GNU/Linux Ubuntu, Debian, Fedora, CentOS

**Web Development** Jekyll/Octopress, Wordpress, Drupal, jQuery, Grails

**Documentation** Sphinx, Wikis, etc.

**Testing** Test-Driven Development, Regression Testing, Mock Testing

**Extremely comfortable in a UNIX-like shell**

**High work ethic**

**Desire to learn**

**Excellent communication skills, both verbal and written**

**Strong interpersonal skills**

**Very organized**

**Respectful of others**

## Interests

Developing and distributing great software, participating in free and open-source software projects, guitar, singing, mountain biking, marching band, drumline, skiing, disc golf, outdoor activities.

## References

Available upon request.