

Sean Fisk
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Objective

Dedicated Computer Science graduate pursuing position in high-performance computing.

Education

Grand Valley State University Bachelor of Science degree in Computer Science/Honors College <i>Recipient of full scholarship, G.P.A. 3.857.</i> Pursuing a Masters of Science degree in Computer Science, expected graduation December 2013 <i>Recipient of Graduate Assistantship in High-Performance Computing lab, current G.P.A. 3.914.</i>	Allendale, MI 2008 - 2012 2011 - Present
Jenison High School 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

Atomic Object Software Developer Groovy and Grails (Java-based) Web Development	Grand Rapids, MI May 2012 – August 2012
Atomic Object Apprentice iPhone Development Web Development Ruby on Rails Development	Grand Rapids, MI May 2011 – August 2011
International Material Control Systems Information Technology Web Development Windows 2003/Active Directory Maintenance Backup Management Tech Support	Holland, MI June 2010 – August 2010
MetroHealth Hospital Information Technology 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
Jenison Public Schools Developer Developed a Java spreadsheet program that is used by the ACT program for tracking student test scores.	Jenison, MI January 2008 – May 2008
Cannonsburg Challenged Ski Association Volunteer Ski Instructor Instructed physically disabled students.	Grand Rapids, MI 2007 – 2008

Skills and Abilities

Programming Languages Python, C++, C, bash, Emacs Lisp, Java, PHP, Objective-C, Web (HTML, CSS, JavaScript, HAML, SASS/SCSS, CoffeeScript), Groovy, SQL, ActionScript 2 & 3, L^AT_EX

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

Libraries (C/C++) Q Toolkit (Qt), Boost C++ Libraries, Message Passing Interface (MPI), pthreads, OpenMP, NVIDIA CUDA, LLVM, GraphicsMagick, CGAL, ncurses

Tools bash/zsh, git, Emacs, tmux, SSH, SCons, GNU Make, Gitlab, Github, GCC, Clang/LLVM, MSVC, MinGW, Flex/Bison (Lex/Yacc), Opscode Chef

System Administration GNU/Linux servers, Windows Server 2003, Active Directory

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

Web development experience Jekyll/Octopress, Wordpress, Drupal, jQuery, Grails, ExtJS, Ruby on Rails, ExpressionEngine

Experienced in software testing and Test-Driven Development

Extremely comfortable in a UNIX-like shell

Skilled in documentation

Computer networking experience

Desire to learn

High work ethic

Excellent communication skills, both verbal and written

Strong interpersonal skills

Very organized

Respectful of others

Interests

High-performance computing, application programming and distribution, free and open-source software, guitar, mountain biking, marching band, drumline, flying disc, being outdoors.

References

Available upon request.