Sean Fisk

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Objective

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

Education

Grand Valley State University   Allendale, MI

Bachelor of Science degree in Computer Science/Honors College   2008 - 2012
Recipient of full scholarship, G.P.A. 3.857.

Pursuing a Master of Science degree in Computer Science,   2011 - Present
expected graduation April 2013
*Recipient of Graduate Assistantship in High-Performance Computing lab,
current G.P.A. 3.914.*

Jenison High School   Jenison, MI

Diploma, 2008; G.P.A. 4.244   2004 - 2008
*Recipient of Computer Science Graduation Award and Orchestra Leadership
Award, Grand Rapids Press Superstar Senior, National Merit Finalist, National
AP Scholar*

Work Experience

National Center for Atmospheric Research   Boulder, CO
Intern   May 2013 –
RPython/PyPy research   August 2013
High-performance computing research on NCAR's Yellowstone supercomputer

Atomic Object   Grand Rapids, MI
Software Developer   May 2012 –
Groovy and Grails (Java-based) Web Development   August 2012

Atomic Object   Grand Rapids, MI
Apprentice   May 2011 –
iPhone Development   August 2011
Web Development
Ruby on Rails Development

International Material Control Systems   Holland, MI
Information Technology   June 2010 –
Web Development   August 2010
Windows 2003/Active Directory Maintenance
Backup Management
Tech Support

MetroHealth Hospital   Grand Rapids, MI
Information Technology   2007 –
Developed several programs that are used daily for MetroHealth.   Present
Created e-forms that are used by the hospital in their daily protocoling process.
Developed database transfer programs.

Cannonsburg Challenged Ski Association   Grand Rapids, MI
Volunteer Ski Instructor   2007 –
Instructed physically disabled students.   2008

Skills and Abilities

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

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, Message Passing Interface (MPI), pthreads, OpenMP, NVIDIA CUDA, 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

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.