

Sean Fisk
7792 Aster Lane
Jenison, MI 49428

(616) 307-8222
sean@seanfisk.com
fiskse@mail.gvsu.edu

Objective

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

Education

Grand Valley State University Master of Science degree in Computer Science <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
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

National Center for Atmospheric Research Intern Developed custom domain-specific language interpreter in RPython. Performed high-performance computing research on NCAR's Yellowstone supercomputer.	Boulder, CO May 2013 – August 2013
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
Cannonsburg Challenged Ski Association Volunteer Ski Instructor 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.