

# Brian Mock

1475 B St NE  
Salem, OR 97301

503-409-7863  
mock.brian@gmail.com  
<http://saikobee.github.com>

## Education

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B.A., Computer Science, Willamette University, Salem OR May 2012  
GPA: 3.73

## Skills

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- Programming
  - Ruby, Python, Java, shell scripting (Bash/sh), Perl, C, C++, Haskell, Objective-C, MATLAB
  - CGI programming in Ruby and Perl (HTML, CSS, file input, etc.)
  - Git (on GitHub), Mercurial (Hg), and Subversion (SVN) source control
- Operating Systems
  - GNU/Linux, Microsoft Windows, Mac OS X
- Server Setup
  - SSH and SFTP (OpenSSH), HTTP (Apache, lighttpd), FTP, NFS

## Projects

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- Co-developed educational iPad math game (2012)
- Created LatteScript programming language (<http://saikobee.github.com/lattescript>) (2012)
- Contributed code to WMFS (GNU/Linux window manager) (<http://wmfs.info/>) (2011)
- Contributed code to Openbox (GNU/Linux window manager) (<http://openbox.org/>) (2011)
- Created VisInt 3D integral visualizer (<https://github.com/saikobee/visint>) (2010)
- Created MPRW music player web remote control (<https://github.com/saikobee/mprw>) (2010–2011)
- Created 8-Beat music program (<http://eight-beat.sf.net>) (2009)
- Created PyPixel educational graphics library (<https://github.com/saikobee/pypixel>) (2009)
- Instructed Linux command line and GUI workshops (2008 and 2007, respectively)

## Work Experience

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- Created weather simulation data visualizer at NOAA (2011)
- Tutored Introduction to Programming students (2010–2012)
- Personally tutored local business-person in Linux (2010)
- Co-taught high school Linux OS course (2008)

## Achievements

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- Gave keynote speech at SuperQuest technology education conference about PyPixel (2011)
- Earned computer science scholarship (Kenneth Batchelder memorial) (2010)
- Earned merit scholarship from Willamette University
- Scored 5/5 on the Advanced Placement AB Computer Science test
- Participated in ACM programming competition (2010, 2011)
- Participated in regional programming competition (2007 and 2008)
- Presented on gender equity at Oregon Association for Career and Technical Education (OACTE) conference (2007)