

# Brian Mock

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## Skills

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- JavaScript, Ruby, Python, Java, Bash, Perl, Objective-C, Haskell, Scala
- Grunt, Underscore.js, Knockout, AngularJS, Mocha
- Amazon S3, Cloudfront, Sinatra, Spray
- Git, GitHub, JIRA
- Linux, Windows, OS X

## Work Experience

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- Janrain, JavaScript Software Engineer (September 2012–current)
  - Built a brand new product from the ground up against legacy APIs in a clean, maintainable, well-tested way
  - Created tools for debugging customer production sites using local code in any browser
  - Solved multiple critical customer issues in production environments while on call
  - Maintained, bug-fixed, and enhanced legacy code base in production on numerous websites maintaining backwards compatibility and IE 8 support
  - Proposed idea and led "hack day" group to make a well-received prototype product
  - Gave internal tech talk about team's product to raise awareness within company
  - Wrote API documentation for a core section of the code base
- Created weather simulation data visualizer at NOAA (Summer 2011)
- Tutored Introduction to Programming students (2010–2012)
- Personally tutored local business-person about Linux server administration (2010)
- Co-taught high school Linux course (2008)

## Projects

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- Enhanced Vim plugin to support autodetecting preferred load path order (<https://github.com/SirVer/ultisnips>) (2013)
- Created Pokémon type matchup calculator (<http://mockbrian.com/pkmn/>) (<https://github.com/saikobee/pkmn-type-calc>) (2013)
- Co-developed educational iPad math game: Algebra Card Clutter (<http://itunes.apple.com/us/app/algebra-card-clutter/id549330499>) (2012)
- Created LatteScript programming language (<http://saikobee.github.com/lattescript>) (2012)
- Contributed code to WMFS (Linux window manager) (<http://wmfs.info/>) (2011)
- Contributed code to Openbox (Linux window manager) (<http://openbox.org/>) (2011)
- Created VisInt 3D integral visualizer (<https://github.com/saikobee/visint>) (2010)
- Created spec-compliant JSON parser in JavaScript using Jison (<https://github.com/saikobee/json-crumpet>) (2014)
- Created 8-Beat music program (<http://eight-beat.sf.net>) (2009)
- Created PyPixel educational graphics library (<https://github.com/saikobee/pypixel>) (2009)

## Education

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