

# Jared Hobbs

Software Engineer

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## Education

August 2004–December 2008 **BSCS Computer Science**, *University of New Mexico*, Albuquerque, NM, GPA 3.7/4.0.  
**Cum Laude**. Minor in Spanish.

## Experience

### Vocational

- October 2013–present **Software Engineer**, *eShares Inc.*, Palo Alto, CA.  
Part of the engineering team responsible for the design, implementation, and execution of the eShares electronic shares platform.
- March 2009–October 2013 **Software Engineer/Data Analyst**, *Qforma Inc.*, Santa Fe, NM.  
Data preparation, mining, extraction, and analysis on large data sets (>30GB) for clients in the healthcare industry. Built physician influence and referral networks; created automated workflows and build systems; developed innovative user interfaces and visualizations. Migrated desktop software to Django powered web apps. Collaborated in building a sophisticated automation framework and general purpose file manipulation library. Developed various tools to assist in statistical queries and quality assurance tasks.
- April 2004–March 2009 **Student Intern**, *Sandia National Laboratories*, Albuquerque, NM.  
Wrote various codes in diverse languages to extract and process image data. For example, extracted data from a series of x-rays of a burning rocket propellant to determine the burn rate and velocity of the flame front. Worked to develop digital image correlation algorithms in 3-space.
- January 2007–May 2007 **Teachers Assistant**, *University of New Mexico*, Albuquerque, NM.  
Taught two lab sections of CS151, Basic Programming in Matlab. Graded programming assignments, tests, and quizzes. Built and maintained a Web site (using Drupal) for these class sections.

### Miscellaneous

- Ongoing **Administrator**, *pyhacker.com*, *jennyhobbs.com*, etc.  
I maintain several websites and open source projects. My bitbucket and github username is jaredhobbs.

## Computer skills

Languages Python, JavaScript, Java, C, C++, Bash Shell, Frameworks Django, PyQt4; jQuery, KnockoutJS  
MySQL

Platforms Linux, Mac OS X, Arduino, iOS Tools PyCharm; Vim; Adobe Photoshop, Illustrator

## Languages

English **Fluent**

Spanish **Fluent**

*My native tongue.*

*Speaking, reading, and writing.*

## References

Available upon request.