

# Elfrey Shira

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- EDUCATION**      **University of Texas at Austin**  
**B.S. Mechanical Engineering Honors** with Elements of Computing, expected May 2013  
**GPA 3.79**  
**Relevant Courses:** Web Programming, Thermal-Fluid Systems, Mechatronics, Computer Graphics, Computational Methods, Statistics, Matrices, Software Design, and more
- EXPERIENCE**    **Indeed.com** ▷ Software Developer ▷ Austin, TX ▷ 5/2012 - 8/2012
- Improved the application tracking system with Google Closure (JS) and Spring (Java)
  - Developed full-stack features via databases, HTTP requests, and front-end interaction
  - Implemented search highlighting, candidate notes, table sorting, text quality meter, etc.
- Mass Relevance** ▷ Software Engineer ▷ Austin, TX ▷ 2/2012 - 5/2012
- Developed new features on the administrative platform with Ruby on Rails
- Speak Social** ▷ Web Developer ▷ Austin, TX ▷ 8/2011 - 11/2011
- Created web pages to engage customers with small businesses
- JPMorgan Chase & Co.** ▷ Application Developer ▷ Houston, TX ▷ 6/2011 - 8/2011
- Developed an application to analyze the growth of a major company database
  - Integrated Python and Oracle SQL to seamlessly query and display data in a robust UI
  - Discussed the application features with managers to iterate to the final product
- The Austin Project** ▷ Tutor ▷ Austin, TX ▷ 8/2009 - 12/2009
- SKILLS**            **Programming** ▷ Web: JavaScript (jQuery, Google Closure), Ruby (on Rails), Java (Spring)  
Desktop: Python, MATLAB, SQL (Oracle)  
**Audio, video, and image editing:** Audacity, MAGIX, Adobe Premiere, GIMP, Photoshop
- ACTIVITIES**      **3 Day Startup** ▷ 4/2011 ▷ [www.3daystartup.org/about](http://www.3daystartup.org/about)
- Prototyped a social media manager software company and executed market analysis
- Asian American Campus Ministry** ▷ 8/2009 - present
- Family Group Leader (2 years) and Intramural Football Captain (2 seasons)
- Projects for Under-served Communities** ▷ 8/2011 - 5/2012 ▷ [www.puccostarica.tk](http://www.puccostarica.tk)
- Designed a micro hydro power plant for a biological research station in Costa Rica
- Pi Tau Sigma** - Mechanical Engineering Honors Society ▷ 1/2012 - present
- Webmaster Officer (Fall 2012)
- Extra hobbies:** piano, volunteering, ballroom dance, biking, football, racquetball, tennis