

# Elfrey Shira

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## EDUCATION **University of Texas at Austin**

**B.S. Mechanical Engineering** with Elements of Computing, May 2013

**GPA 3.75** ▷ High Honors ▷ Top 10%

## EXPERIENCE **Opower** ▷ Associate Software Engineer ▷ Arlington, VA ▷ 7/2013 - present

- Developed a widget-development framework with NodeJS and AngularJS
- Integrated end-to-end tests for UIs and build-time tools with Mocha and Protractor
- Built white-label product for consumer energy engagement on utility company websites

**Mass Relevance** ▷ Software Engineer Intern ▷ Austin, TX ▷ 1/2013 - 6/2013

- Integrated Ruby on Rails, Solr, Javascript (jQuery), and AJAX
- Developed a global search on the internal administrative platform

**Indeed.com** ▷ Software Developer Intern ▷ 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

**Mass Relevance** ▷ Software Engineer Intern ▷ Austin, TX ▷ 2/2012 - 5/2012

- Developed new features on the administrative platform with Ruby on Rails

**Speak Social** ▷ Web Developer Intern ▷ Austin, TX ▷ 8/2011 - 11/2011

- Created web pages to enable small businesses to engage with their customers

**JPMorgan Chase & Co.** ▷ Application Developer Intern ▷ Houston, TX ▷ 6/2011 - 8/2011

- Created data-visualization 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

**The Austin Project** ▷ Tutor ▷ Austin, TX ▷ 8/2009 - 12/2009

## SKILLS **Programming Languages** ▷ JavaScript, HTML, CSS, Python, Ruby, Java

**Tools** ▷ NodeJS, AngularJS, GruntJS, Foundation, jQuery, Ruby on Rails, Mocha, Jenkins, Spring

## ACTIVITIES **3 Day Startup** ▷ 4/2011 ▷ [www.3daystartup.org](http://www.3daystartup.org)

**Asian American Campus Ministry** ▷ 8/2009 - 5/2013

- Community 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 - 5/2013

**Extra hobbies:** biking, football, piano, volunteering, ballroom dance, racquetball, tennis