

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 and Visualization, Engineering Computational Methods, Engineering Statistics, Matrices and Matrix Calculations, Software Design, and many more engineering courses
- EXPERIENCE** **Mass Relevance** ▷ Software Engineer ▷ Austin, TX ▷ 2/2012 - present
 ◦ Develop new features on the administrative platform with Ruby on Rails
Speak Social ▷ Web Developer ▷ Austin, TX ▷ 8/2011 - 11/2011
 ◦ Created web pages specialized for social media engagement
 ◦ Transformed the company WordPress blog design to match the main website
J.P. Morgan Chase & Co. ▷ Software Engineer ▷ 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
 ◦ Successfully increased children's mathematical and reading comprehension
- SKILLS** **Programming** ▷ Proficient: Python, MATLAB, HTML/CSS, SQL
 Familiar: Ruby (on Rails), Javascript (incl. jQuery), PHP, C++
Audio, video, and image editing: Audacity, MAGIX, Adobe Premiere, GIMP, Photoshop
- ACTIVITIES** **3 Day Startup** ▷ 4/2011 ▷ www.3daystartup.org/about
 ◦ Prototyped a social media manager software company with teammates in three days
 ◦ Performed market research and analysis, created the business pitch presentation
Asian American Campus Ministry ▷ 8/2009 - present
 ◦ Community Group Leader of around 10 members each year (8/2010 - present)
 ◦ Intramural Football Captain of 15 players (Fall 2011)
Projects for Under-served Communities ▷ 8/2011 - present ▷ www.puccostarica.tk
 ◦ Design a micro hydro power plant for a biological research station in Costa Rica
 ◦ Collaborate with technical experts and raise funds for implementation costs
Pi Tau Sigma - Mechanical Engineering Honors Society ▷ 1/2012 - present
Extra hobbies: piano, volunteering, ballroom dance, biking, football, racquetball