Elfrey Shira

EDUCATION University of Texas at Austin

B.S. Mechanical Engineering Honors with Elements of Computing, expected May 2013 **GPA 3.77**

Relevant Courses: Web Programming, Thermal-Fluid Systems, Mechatronics, Computer Graphics, Computational Methods, Statistics, Matrices, Software Design, and more

EXPERIENCE Indeed ▷ Software Developer ▷ Austin, TX ▷ 6/2012 - 8/2012

• Develop front-end solutions with Google Closure Tools for the Indeed.com website

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

o Created web pages specialized for social media engagement

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

o 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: Ruby (on Rails), Javascript (jQuery, Google Closure), HTML/CSS,

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

• Prototyped a social media manager software company; market analysis

Asian American Campus Ministry ▷ 8/2009 - present

• Small Group Leader of 10 members each year (8/2010 - present)

o Intramural Football Captain of 15 players (Fall 2011)

Projects for Under-served Communities ▷ 8/2011 - 6/2012 ▷ www.puccostarica.tk

O Design a micro hydro power plant for a biological research station in Costa Rica

 \circ Collaborate with technical experts and raise funds for implementation costs

Pi Tau Sigma - Mechanical Engineering Honors Society ▷ 1/2012 - present

Social Events Officer and Webmaster (Fall 2012)

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