

Yu-Jeng (Dennis) Pan

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SKILLS

Fluent in English and conversational Mandarin Chinese
Microsoft Excel, PowerPoint, Word, Access 2000; Adobe Photoshop, Illustrator;
XHTML; CSS; SQL; MINITAB 16; SAS; SPSS

EXPERIENCE

United Way Silicon Valley, San Jose, CA

UWSV 211 program intern, 06/2012 ó 09/2012

- Conduct data entry or corrections on the 211 call center database through iCarol, and create pie-charts from summary data obtained from the 211 database. The pie-charts are presented to UWSV staffs or corporate donors during meetings.

Cisco, San Jose, CA

CVCM Summer Intern, Value Chain Intelligence, GBO, 06/2011- 9/2011

- Develop mathematical process to set goals for CVCM Balanced Scorecard metrics. The project relied heavily on MS Excel and PowerPoint.
- Final presentation to director and staffs in the Value Chain Intelligence under GBO (Global Business Operations) to showcase how the mathematical goal setting process could potentially set the right goals for metrics to drive the right business behaviors for CVCM (Customer Value Chain Management)

PROJECTS

Green Steel - a SJSU & De Anza join force team, 04/2012 ó 06/2012

I created and managed the team's website. The team aims to create a start-up company dedicated to the production of affordable electricity storage systems for households in developing countries.

Psycho Donuts Production Forecasting System, SJSU (ISE250), Spring 2012

My team of four utilized Six-Sigma DMAIC process improvement methodologies to help the for-profit company "Psycho Donuts" to reduce doughnuts leftovers from each day's sales, by creating an improved forecasting model for doughnuts production. The project received an A+ in ISE250.

Designing PV System for Chris' House, De Anza (ESCI 61), Spring 2010

My team utilized methodical online research to gather accurate information on solar energy, and used that to design and size a PV system for a house in San Jose

Macy's Customer Statistics, SJSU, Spring 2007

In a team of two, determining on average if women spend more than men while shopping at Macy's. Successfully interviewed 30 customers to retrieve sample data.

EDUCATION

San Jose State University, San Jose, CA

B.S. Applied and Computational Mathematics, 12/2007

Concentration: Statistics | Major GPA: 3.6/4.0

Environmental Studies and GIS: Foothill-De Anza College, 09/09 - 06/11

ESCI 61: Introduction to Photovoltaic Technology | GEOG 59: Cartography & Maps

Certification:

SAS Certified Base Programmer for SAS 9, 09/2009

Six-Sigma Green Belt ó SJSU ISE250, 05/2012

ACTIVITIES

Dean's Scholar, San Jose State University College of Science, 2004-2005

Member, Phi Theta Kappa International Honor Society - SJSU Chapter, 2006-Present

WEBSITE

Green Steel ó <http://www.greensteel-deanza.webnode.com>

My portfolio ó <http://www.dennis2012.webnode.com>