

Simon T. Tiu (刁达民)

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EDUCATION

University of California – Berkeley

B.S. in Industrial Engineering and Operations Research // Minor: Chinese

May 2013

- **Graduated with Honors - GPA: 3.7 / 4.0** (Major GPA: 3.8)

PROFESSIONAL & LEADERSHIP EXPERIENCE

Alpha Pi Mu at Berkeley (APM) – Industrial Engineering Honors Society

Berkeley, CA

President

Jan 2013 - Present

- Coordinate company information sessions for on-campus recruitment
- Organize student-faculty social events to promote and strength the IEOR community on campus

Institute of Industrial Engineers (IIE)

Berkeley, CA

President

August 2012 - Present

- Manage Industrial Engineering Student affairs on the University and National Level
- Increased active membership by 150% and initiated Consulting Case Competition focus groups
- Renovated website (iie.berkeley.edu): automated test database and redesigned layout

Berkeley Investment Group (BIG)

Berkeley, CA

Equity Research Officer

Jan 2011 – Present

- Placed 1st in Internal Club Stock Competition
- Perform market research in managing our portfolio; specialize in quantitative risk management
- Experience in financial and strategic planning models (DCF, Porter's 5 Forces, SWOT)

LDS Missionary – Pennsylvania Pittsburgh Spanish Mission

Pittsburgh, PA

Zone Leader, Spanish-English Translator

August 2008 – August 2010

- Supervised 29 missionaries and several cross-denominational volunteer efforts
- Worked 90+ hours each week for 2 years in teaching, training, and supervising

MAJOR PROJECTS

Tesla Motors

January 15th - Present

- Worked extensively with Tesla's manufacturing and production planning team to improve operations
- Developed Linear Programming tool to automate line-balancing
- Improved *Inverter Pole* line maximum throughput by 100% and standardized material handling procedures
- Developing discrete-event simulation for optimizing and analyzing production line

Nevada Partnership for Homeless Youth (NPHY)

January 15th - Present

- Developed and optimized a relational database to ramp up operations
- As a result of my work, NPHY has grown 80% and is expanding to a second location.

AWARDS

Greyrock Capital and Alpine Investors Private Equity Case Competition – 2nd Place

May 2012

- Structured LBO and MBO deals to properly balance buy-side and sell-side incentives
- Specialized in Supply Chain Management decision strategy to analyze market expansion options
- Built a model to demonstrate the effect of supply chain on operational decisions and logistical strategy

Dodge & Case Investment Case Competition – Third Place

Nov 2011

- Performed in-depth equity research for First Solar Inc. Employed Porter's 5 forces to qualitatively assess FSLR
- Created an operating model of each financial statement as well as a DCF model with sensitivity analysis

Eagle Scout – highest rank awarded by Boy Scouts of America

Sept 2005

SKILLS, ACTIVITIES & INTERESTS

Languages: Fluent in Spanish, Conversational in Chinese

Technical Skills:

- Programming Languages: Java, MatLab, R, Elementary C#, AMPL, VBA, Arena, Sigma, and Python
- Web Development: JQuery, Bootstrap, HTML, CSS, Javascript, Microsoft Expression Suite, Dreamweaver
- Relational Databases: MySQL, Microsoft Access, ER/EER Diagrams, Database Normalization
- Stochastic Simulation and Modeling
- Software: Adobe Creative Suite, Microsoft Office

Interests: Chess, Chinese, Philosophy, Planet Money Podcast, Rock Climbing, Scrabble, Snowboarding