

Lina Huang

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EDUCATION

University of Pennsylvania, Dual Degree Candidate School of Engineering & Applied Science Philadelphia, PA
Master of Science in Engineering, Systems Science and Engineering 08/2012-05/2016
Bachelor of Science in Engineering, Systems Science and Engineering | Minor: Computer Science
GPA 3.94/4.00 | Honors: Dean's List ('12-'15), Tau Beta Pi Honors Society and Scholarship

The Agnes Irwin School, Graduate with Cum Laude Honors Rosemont, PA
• **SAT Total: 2370** | M—800 Cr—770 W—800 9/2008-6/2012

WORK EXPERIENCE

Oliver Wyman, Management consultant San Francisco, CA
7/2016-present

PricewaterhouseCoopers, Consultant Philadelphia, PA
6/2015-8/2015

- Designed business process mapping for healthcare information system changes
- Met with and presented to clients to create deliverables that reduces R&D time by 50%, saving an average of \$6M/drug
- Researched Germany's healthcare system, interviewed employees in the UK, and presented in an internal webinar

SingTel, Business Analyst Singapore
6/2014-8/2014

- Contributed to insights for retail and advertising clients in SingTel's data science and innovation group
- Automated the retail analysis process and built growth strategy recommendations, cutting time spent by 60%
- Presented FIFA World Cup viewership demographics insights for advertisement clients, ensuring S\$10M revenue increase

LEADERSHIP EXPERIENCE

Residential Advisor, Kings Court English College House Philadelphia, PA
8/2014-present

- Organize social events (1/week) to mentor 36 freshmen in Women in Computer Science Program
- Plan and implement community events, as part of cultural/arts board, for the college house (300+ students)

Society of Women Engineers Board, Technology Director Philadelphia, PA
8/2012-present

- Elected by peers (413 members of SWE), started and head technology committee for tech innovations
- Led committee of 7 as Activities Co-director and planned social events and General Board Meetings last year

Renewal Presbyterian Church, College Fellowship Group Leader Philadelphia, PA
9/2012-present

- Facilitate weekly small group discussions of 15 to build community
- Organize community social and outreach events (7 hrs/wk)

RESEARCH EXPERIENCE

Visit <http://hlina.github.io/projects.html> for detailed summary of projects

- Grant-Funded: Penn Undergraduate Research Mentoring Program participant, Dental Care for Nursing Home Patients (\$2500), Littlejohn Undergraduate Research Fellow on Advertising (\$4500), Robert J Holtz Endowed Fund on World Population Growth (\$500)
- Publications: Co-Authored book chapter "Artificial Intelligence and Human Behavior Modeling: Simulation for Mental Health Conditions" in a book by Dr. David D. Luxton, published with Elsevier Science & Technology
- Example of Analytics Research: conducted an online and in-person survey to gather data on factors that make advertising effective and analyzed the results using SQL and JMP, a statistics software

SKILLS

Technical Skills

- Proficient: Excel including VBA and Solver, SQL, PowerPoint, Java, Python, HTML/CSS, Adobe Photoshop
- Software Projects: personalities data visualization using JavaScript, Bottoms Up: a smart seat cushion at PennApps Hackathon, etc. See more at <http://hlina.github.io/projects.html>.

Language Abilities

- Mandarin (fluent speaker, proficient writing/reading)
- Spanish (proficient overall, National Spanish Honors Society, Diploma of Spanish as a Foreign Language DELE B1)