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: **GPA 4.00/4.00**   08/2012-05/2016
Bachelor of Science in Engineering, Systems Science and Engineering | Minor: Computer Science: **GPA 3.95/4.00**
• Honors: Dean's List ('12-'15), Tau Beta Pi Honors Society and Scholarship
• Relevant courses: Engineering Entrepreneurship, Microeconomics, Macroeconomics, Behavioral Economics, Engineering Economics, Engineering Human Performance, Project Management, Development Tools for Data Analysis

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

PricewaterhouseCoopers, *Consultant*   Philadelphia, PA
• Designed business process mapping for healthcare information system changes   6/2015-8/2015
• 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
• Contributed to insights for retail and advertising clients in SingTel's data science and innovation group   6/2014-8/2014
• 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
• Organize social events (1/week) to mentor 36 freshmen in Women in Computer Science Program   8/2014-present
• Plan and implement community events, as part of cultural/arts board, for the college house (300+ students)

Teacher's Assistant, *Data Structures and Algorithms CIS121*   Philadelphia, PA
• Recommended by professor, interviewed and was selected to be a teacher's assistant   8/2015-present
• Teach students algorithms, answered questions in office hours, and graded assignments (7 hrs/wk)

Society of Women Engineers Board, *Technology Director*   Philadelphia, PA
• Elected by peers (413 members of SWE), started and head technology committee for tech innovations   8/2012-present
• 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
• Facilitate weekly small group discussions of 15 to build community   9/2012-present
• 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)