JIAYAO (AMY) LI, EIT

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GRE Scores: Verbal Reasoning 162/170 (90th) | Quantitative Reasoning 168/170 (91st) | Analytical Writing 4.5/6 (80th)

ACADEMIC EXPERIENCE

Texas A&M University, Dwight Look College of Engineering, College Station, TX   Cum Laude | Aug. 18
B.S. Double Major in Computer Science & Mechanical Engineering; Minors: Cybersecurity & Mathematics
Certificates: Business Management; Data Center Operations; Engineering Honors; International Engineering
Study Abroad: Japan, Summer 2018 | Singapore, Winter 2018

Undergraduate Research Scholar, Texas A&M University   Jan. 17–Aug. 18 (on campus)
Department of Computer Science & Engineering, *Sketch Recognition Lab*   Sept. 18–Present (remote)
- First author of journal paper, which was accepted by *IEEE Access* and is pending publication
- *IEEE Access: Evaluating the Performance of Machine Learning Algorithms in Gaze Gesture Recognition Systems*

Teaching Assistant, Texas A&M University   Sept. 15–May 18
- Taught class material and graded papers as a TA, Peer Tutor, and Grader in MEEN 210, 221, 381, 460

INDUSTRY EXPERIENCE

Goldman Sachs, New York, NY   Feb. 19–Present
Full-Stack Software Engineer
- Interact with business users to discuss objectives, collect feed-back and generate user-friendly software solutions
- Designed and built features providing customized user experience, which increased client-facing site readership
- Performed data analysis and developed programs to automate processes, which increased efficiency by 90%

Quick Internet Software Solutions, College Station, TX   Nov. 18–Jan. 19
Data Analyst Intern
- Implemented programs to perform advanced data analytics and provided support for client database management

Walt Disney World Parks and Resorts, Orlando, FL
Simulation & Analysis, *Professional Engineering Intern*   May 16–Aug. 16
- Programmed tools to perform advanced data modeling and improved guest experience by eliminating wait-time

Architecture & Facilities Engineering, *Professional Engineering Intern*   Jan. 16–May 16
- Helped design and draft engineering drawings for *Star Wars: A Galactic Spectacular Fireworks* show

VOLUNTEER ACTIVITIES

Women Engineering Roundtables, Goldman Sachs   Aug. 19–Present
- Facilitate monthly roundtable sessions to help junior members of the firm learn career advice from senior leaders
- Moderate discussions, prepare speakers, write company-wide emails, publish event articles, and brainstorm topics

New York Cares, New York, NY   Mar. 19–Jul. 21
Team Leader
- Volunteered 100+ hours a year to provide support for those in need via various volunteering projects in the city

Seizing Every Opportunity (SEO) Scholars, New York, NY   Sept. 19–May 21
- Mentored underprivileged high school students biweekly to help them navigate the college admissions process

Girls Who Code, Goldman Sachs   Sept. 19–Dec. 19
- Organized events to mentor high school students for them to learn about computer science and women in tech

LANGUAGE & TECHNICAL SKILLS

Fluent in Chinese & English; Programming in C, C#, C++, HTML, Java, React, MATLAB, Ruby on Rails, Swift, SQL
Data Analytics, Machine Learning, Mobile Development, Product Design & Implementation, System Risk Assessments

AWARDS

The President's Volunteer Service Award (2019, 2020)