

JIAYAO (AMY) LI, EIT

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EDUCATION

Texas A&M University, Dwight Look College of Engineering, College Station, TX August 2018
Certificates: Business Management; Data Center Operations; Engineering Honors
B.S. Double Major in Computer Science & Mechanical Engineering Cumulative GPR: 3.61

RELATED SKILLS & COURSES

Fluent in Mandarin Chinese and English; AutoCAD; Inventor; SolidWorks; Programming in C/C++, Haskell, HTML, Java, MATLAB; Algorithms & Data Structure; Artificial Intelligence; Computer-Human Interaction; Cyber Security

WORK EXPERIENCE & PROJECTS

Undergraduate Research, Texas A&M University January 2017 – Present
Department of Mechanical Engineering, Bio-robotics Lab

- Code program to analyze computer vision and build prototype to model robotic device

Department of Computer Science & Engineering, Sketch Recognition Lab

- Develop software applications and research methods on topic of eye-tracking

Walt Disney World Parks and Resorts, Design & Engineering, Lake Buena Vista, Florida May 2016 – August 2016
Simulation & Analysis, Professional Engineering Intern

- Coded and debugged software programs to perform data analysis and simulation modeling

Architecture & Facilities Engineering, Professional Engineering Intern January 2016 – May 2016

- Helped designing and drafting engineering drawings for Star Wars: A Galactic Spectacular Fireworks show

BP, Senior Capstone Design Project, Texas A&M University Fall 2017, Spring 2018

- Design system to apply specialized coatings to protect metals from corrosion for offshore oil & gas platforms

Industrial Assessment Center, Texas A&M University June 2015 – December 2015
Student Technician

- Conducted audits and analyzed various manufacturing processes to deliver reports on energy saving measures

Department of Mechanical Engineering, Texas A&M University Fall 2015, Fall 2016, Spring 2017, Fall 2017
Teaching Assistant, Peer Tutor in MEEN 221, 381, 210

Department of Mechanical Engineering, Texas A&M University April 2015 – December 2015
Student Ambassador, Peer Advisor

LEADERSHIP & VOLUNTEER ACTIVITIES

Chi Alpha Christian Fellowship, Texas A&M University September 2016 – Present
Bible Study Leader

Memorial Student Center Bethancourt, Texas A&M University Fall 2015, January 2017 – Present
Internal Development Director

- Engaged in cross-discipline and hands-on learning experiences through professional development programs

Grace Bible Church, College Station, Texas May 2017 – Present
Sunday School Teacher

Give Kids the World Village, Orlando, Florida January 2016 – August 2016
Volunteer – Provided service to children with life-threatening illness and their families

Fish Camp, Texas A&M University March 2015 – October 2015
Counselor – Cooperated with 25 other counselors to mentor over 150 freshmen to help them transition to college

Aggies Reaching Out, Texas A&M University May 2015
Counselor – Mentored groups of 7-10 underrepresented 8th graders in order to inspire them to pursue higher education

Memorial Student Center LEAD, Texas A&M University September 2014 – May 2015
Spencer Leadership Conference Committee

Aggies Invent, Engineering Innovation Center, Texas A&M University August 2014
1st Place in competition against 7 teams