

IRENE DIAO

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EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Computer Science
Engineering Honors Program, Dean's Honor Roll
GPA: 3.93

May 2026

Related Coursework:

- *Data Structures and Algorithms*
- *Discrete Structures*
- *Computer Architecture*
- *Program Design and Concepts*
- *Linear Algebra*
- *Statistics I and II*
- *Programming Languages*

SKILLS

Technical: (*Proficient*) C++, Python, R, Linux, (*Familiar*) SQL, HTML, CSS,

Tools: Git, Autodesk Inventor Computer-Aided Design

Languages: Fluent Mandarin Chinese, Conversational Spanish

EXPERIENCE

Department of Computer Science Undergraduate Teaching Assistant

January 2024 – Present

- Lead a lab section of 25 students for the introductory C++ course Program Design and Concepts
- Hold 4+ hours of office hours every week to help over 100 students debug code
- Work direction with instructors to teach topics in dynamic memory allocation, class and object structure

Texas A&M Engineering Experiments Station Student Technician

September 2023 – December 2023

- Redesigned and developed the program website using WordPress to promote engagement
- Customized WordPress framework with HTML and CSS code snippets

Engineering Honors Ambassador

May 2023 – Present

- Serve as a current student representative for the Engineering Honors Program at recruitment events
- Collaborate with engineering departments to coordinate honors events
- Manage the program front desk by answering calls and greeting visiting prospective students

Society of Women Engineers, Gold Member Status

August 2022 – Present

- Assisted in coordinating a two-day conference for 100+ students with keen interest in STEM
- Designed two engineering challenges to introduce engineering design processes and concepts

PROJECTS

Aggies Abroad

October 2022

Howdy Hackathon

- Developed an application to share Texas A&M study abroad experiences and connect Aggies around the world
- Created branding designs using Figma and built app using Swift

AWARDS AND HONORS

Kay & Dale Pittman Deans Scholar Award, Texas A&M College of Engineering

Louise McCallum Dunn PES, Presidents Endowed Scholarship

Gustav Giesecke Endowed Memorial Scholarship, Opportunity Award