

Christopher Mao

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Local Address

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Permanent Address

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Objective

Summer Internship in Electrical Engineering

Education

Bachelor of Science, Electrical and Computer Engineering, May 2020

The University of Texas at Austin

Related Courses

Introduction to Electrical and Computer Engineering, Introduction to Computing, Sequences, Series, & Multivariable Calculus, Engineering Physics I, Engineering Physics II

Experience

6/16 - 7/16

Intern, Yawei Stenograph

Worked on team developing new software to connect the Yawei stenograph to the PC
Interacted with team members, supervisors, and client contacts
Assisted in finding and fixing problems in the new building
Developed strong sense of responsibility through working overseas

8/14 - 5/16

Head Math Tutor, Math and Science Academy

Trained new tutors
Coordinated with other tutors to help students
Specialized in Pre-Calculus but also taught other math and science subjects
Selected by Multivariable Calculus teacher to explain curvature and arc length

8/14 - 5/15

Research Project, Texas Department of Agriculture (TDA)

Mined for data from the US Department of Energy (DOE)
Analyzed the link that biofuel creates between the energy and agricultural markets
Found a passion for discovery after reporting the findings to the TDA coordinator

1/13

First Place, Mars Rover Competition

Built a working solar-powered rover
Determined the structural features and operational objectives necessary to fulfill a given mission
Chosen by NASA to present the project

8/12 - 5/13

Number Sense Math Teacher, Advance Academy

Taught a class of 20 students (grades 6-12) how to improve competition performance
Resolved parents' concerns with their children's progress
Developed curriculum that is still taught today

Skills

Proficient in Microsoft Word, Excel, PowerPoint, VisualBasic, Java
Strong communication and problem solving skills
Meticulous planner and organizer
Fluent Mandarin; Intermediate Spanish

Accomplishments

Member, Asian Business Students Association (ABSA)
Member, Solar Vehicle Team (UTSVT)
Member, Institute of Electrical and Electronic Engineers (IEEE)
Recipient, National Merit Finalist
Treasurer, Dulles High School State Science Olympiad Team
Member, Dulles High School State University Interscholastic League Team
Member, Dulles High School Regional Science Bowl Team
Member, Dulles High School National Honor Society