

Kangji Chen

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EDUCATION

Bachelor of Science, Electrical Engineering, May/2022

Minor: Business

The University of Texas at Austin

Overall GPA: 3.53/4.00

Relevant Coursework: Circuit Theory, Linear Systems and Signals, Software Design and Implementation I

WORK EXPERIENCE

Tutor, Varsity Tutor, 07/2019 – 09/2019

- Assisted students preparing for Engineering Math, Physics, and SAT
- Developed and implemented comprehensive lesson plans that accommodated specific level of learners
- Earned praise and recommendation from students and parents for effective school help

Examiner/Translator, Spring Branch Welcome Center, 05/2015 – 08/2017

- Conducted state-required English language proficiency testing to students with a language other than English
- Entered student information into the system using Microsoft Excel
- Graded Math and English test and recommend program placement for students
- Provided translation to students and parents speaking Mandarin only

ACADEMIC EXPERIENCE

Game Design: Space Invader, Introduction to Embedded Systems, 11/2018 – 12/2018

- Wrote effective programs using Keil with Assembly and C language
- Designed and built the circuit board connecting microcontroller and LCD for the game

Robot Car, Introduction to Electrical Engineering, 10/2017 – 11/2017

- Hand built the robot car from pieces
- Programmed the robot car using MyDaq and Labview
- IR sensor and Photoresistor used for directing the robot car

SKILLS

Experienced in Assembly, Java, C, and C++

Proficient in Words, PowerPoint, Excel

Fluent in Mandarin

Certified Autodesk Inventor User

Operating System: MacOS, Windows

ACCOMPLISHMENTS

National Honor Society & National Mathematics Society, 2016 – 2017

Recipient, the Association of Energy Service Companies (AESC) Scholarship

Member, Electrical and Electronic Engineers Student Branch, 2018 - 2019

Highly ranked in GO (a kind of chess): amateur 3 dan