

# Kangji Chen

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## EDUCATION

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### **Bachelor of Science, Electrical Engineering, May/2022**

**Minor:** Business

The University of Texas at Austin

Overall GPA: 3.62/4.00

**Personal Website:** <https://kangji-chen.github.io>

**Relevant Coursework:** Circuit Theory, Linear Systems and Signals, Software Design and Implementation I&II, Algorithm, Software Engineering and Design Lab

## WORK EXPERIENCE

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### **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

### **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

## ACADEMIC EXPERIENCE

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### **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

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

Proficient in Words, PowerPoint, Excel

Fluent in Mandarin

Certified Autodesk Inventor User

Operating System: MacOS, Windows

## ACCOMPLISHMENTS

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National Honor Society & National Mathematics Society, 2016 – 2017

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

Recipient, Kirk and Jean Pipkin Endowed Scholarship in Engineering, 2020-2021

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