

# Xu Zhao

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## EDUCATION BACKGROUND

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### University of Electronic Science and Technology of China

Aug.2018-Jul.2022

School of Information and Software Engineering (School of Demonstration Software)

**Major:** Software Engineering (Elite program)

**GPA:** 4.00/4.00

### University of Texas at Austin

Jul.2019-Aug.2019

Program for Artificial Intelligence & Scientific English

**Course:** Academic Seminar A&B

A basic introduction to AI will include but not be limited to NLP, Machine Learning, Data Mining, Robotics, and Artificial Neural Networks. Students will learn the basics of Computer Vision and Artificial Intelligence using Python, thus using hands-on programming to implement examples and solve problems

## RESEARCH EXPERIENCE

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### Interaction Generalization

Nov.2020-Dec.2020

*Remote assistant in John Hopcroft Center, Shanghai Jiao Tong University*

- Worked on exploring generalization of DNN based on Game Theory concepts, specifically, focusing on issues about how to use game-theoretic interactions to explain the generalization power of a DNN and trying to explain overfitting
- Took charge of code writing and modifying

### Insight- Identify the Sceneries

Feb.2020-Apr.2020

*A fast, lightweight app for mobiles that aims to provide tourists with a one-stop tour service*

- Based on ShuffleNet V2 deep learning model, the PyTorch framework is used to realize high precision recognition, classification and target detection when users inputting images
- Completed relevant algorithm in identifying the sceneries

### Course Project

Jul.2019-Aug.2019

*Completed in the Program for Artificial Intelligence & Scientific English*

- Cooperated with other three students to adopt Naive Bayesian Model to fulfill news text classification, and I was responsible for Web Crawling with Python, machine learning models training
- Won third place in the group evaluation (top 20%)

## INTERNSHIP

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### Qingdao Hideke Automation Technology Co., Ltd

Feb.2021-Jun.2021

*Software Engineer*

- Developed carton (corrugated paper) production management system (the system uses Visual Studio as the development platform, Visual Basic.net as the development tool, and SQL Server 2008 as the tool to manage the database)

## AWARDS AND HONORS

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Merit Scholarship twice (10%)

Third-class prize in Computer Design Competition for Chinese College Students

## SKILLS

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Skilled with **LaTex**, **C language**, **Java**, **Python**