

# Desong Li

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**OBJECTIVE** Software Engineer, where skills in Python, Java, Frontend and Backend Development, Machine Learning, NLP and working in teams, excellent communication skills, and SDLC knowledge will assist the company.

**EDUCATION** B.S. in Computer Science, The University of Texas – Dallas, Anticipated May 2023  
Cumulative GPA: 3.857/4.0  
Courses: Machine Learning NLP  
Probability and Statistics Database System  
Data Structures Software Engineering

**TECHNICAL SKILLS**  
**Programming Languages:** Python, Java, HTML, R, C, C++  
**Database Technologies:** MySQL  
**Software Applications:** Git, GitHub, Dialogflow, MSOffice, Anaconda, Jupiter Notebook  
**Others:** Flask, TensorFlow, Pandas, NumPy, Scikit-learn

**SKILLS**  
3 years' experience in teams environment  
3 years' experience in problem solving (academic)  
4 months' experience in soft development life cycles

## ACADEMIC PROJECTS AT THE UNIVERSITY OF TEXAS – DALLAS

**NFT Transaction System** Allows customers to buy/sell NFTs for investors in Dallas based on Ethereum blockchain.  
Technologies: MySQL, Flask, JavaScript, AWS, AJAX, HTML Fall 2022

**Stroke Prediction** Use multiple ML algorithms to train an imbalanced dataset and analysis their Pros and Cons.  
Technologies: Jupiter Notebook, Scikit-learn, imblearn Fall 2022

**Chatbot** A simple chatbot that answers questions about Elon Musk  
Technologies: Dialogflow, MySQL, Kommunicate Spring 2022

**JDBC** Simulate the Java Database Connectivity environment.  
Technologies: MySQL, Eclipse Spring 2021

## PERSONAL PROJECTS

**Cat Dog Identifier** A website that classifies whether the user input image is a Dog or a Cat.  
Technologies: TensorFlow, StreamLit Summer 2021

**Covid X-Ray Identifier** A website that diagnoses whether the patient has Covid-19 through lung X-ray.  
Technologies: TensorFlow, StreamLit Summer 2021

**Online Shopping System** A online shopping website that contains most of the critical functionality.  
Technologies: Java JSP, MySQL, AWS, HTML Spring 2021

**AVAILABILITY**  
Internship: Summer 2023  
Full time: May 2024

**VISA STATUS** Permanent Resident

**Languages** Mandarin, English