Joshua Gao

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EDUCATION

The University of Texas at Dallas (Aug 2017 - May 2021)   **GPA 3.7**
B.S. Cognitive Science (Artificial Intelligence & Machine Learning Focus); Entrepreneurship Minor
Cum Laude, Academic Excellence Scholarship
Relevant Courses: Machine Learning; Artificial Intelligence; Data Structures and Algorithms; Discrete Math for Computing; Probability & Stats for CS

WORK EXPERIENCE

Sharp Vision Software – ML / AI Specialist: Houston, Texas   May 2021 – Current
- Designed multiple Dialogflow and Rasa chatbots to train medical students on patient interactions
- Integrated CAE's medical manikin with chatbots to simulate a patient with tension pneumothorax and to guide medical students on performing lung needle decompression
- Researched and implemented computer vision technologies to better map augmented reality body parts onto a medical patient

Zions Bancorporation – TREO IT Intern: Salt Lake City, Utah   Jun 2020 – Aug 2020
- Worked with multiple IT teams to complete challenging tasks such as job scheduling, initializing servers and patching cybersecurity vulnerabilities
- Created an "Acronym Cheat Sheet" that categorized and defined over 1,000 cybersecurity, IT, and banking acronyms and concepts
- Conducted a Single Pane of Glass research project to find an optimal network monitoring tool

Motor King International – Business Development Intern: Tamale, Ghana   Jun 2018 – Jul 2018
- Conducted market research at retail locations to analyze the socioeconomic demographic of customers
- Organized meetings between the Burkina Faso Ambassador and Motor King International executives
- Assisted management with coordinating business activities between accounting, sales, customer relations, and marketing groups

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RELATED PROJECTS

Stock Intelligence Trading Bot – Python, TensorFlow, LSTM Neural Network, MongoDB
- Created a machine learning trading bot that reads real-time stock market technical indicators and generates buy-and-sell signals
- Programmed a Python script that collects stock market technical indicators and financial data through various API's

Decision Tree Builder – Python, Information Theory, Decision Trees
- Analyzed tables of weather data and generated a decision tree to predict the weather

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TECHNOLOGY SUMMARY

Languages:	Python, JavaScript, Java, C++, HTML
Operating Systems:	Linux, Windows
Tools:	Git, TensorFlow, Dialogflow, Rasa, Google Cloud Platform, Firebase, VirtualBox, MongoDB, React-Native, Expo, Raspberry Pi, Jetson Nano, Excel, Word, PowerPoint