

QI GAO

Data Scientist

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📍 Dallas, Texas

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INTERNSHIP

Android Developer

IQIYI.com Inc

📅 Summer, 2017

📍 Beijing, China

- Researched on daemon process and wrote a demonstration to prevent the program from being shut down.
 - Wrote a demonstration to marquee effect.
 - Tested functions of video platform basing on different TV boxes.
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EDUCATION

Master of Computer Science

University of Texas at Dallas

📅 Expected December 2019

- GPA 3.22/4.00

Bachelor of Computer Science

University of Texas at Dallas

📅 January 2016 – December 2018

- GPA 3.48/4.00
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RELATIVE COURSES

- Statistical for Data Science
- Database Design
- Human Computer Interaction
- Machine Learning
- Web Programming Languages
- Network Security

PROGRAMMING SKILLS

- Languages: Java, C++, Python, SQL
- Web Development: HTML/CSS/Javascript, Java Web
- Data Science: R
- App Development: Android Development, Windows Form
- Familiarity with Sockets,TCP/IP, VPNs, https/http
- Computer Skills: Word, PPT
- Good Understanding of Blockchain Theory and Applications

LANGUAGES

- English
- Mandarin

PROJECTS

Ethereum Project

📅 Spring, 2019

- Utilized R to analyze the Blockchain data.
- Determined the best fit distribution to the number of buys and sells that a user makes.
- Developed a regression model related to frequency of buys or sells and price.
- Wrote a detailed report providing good visuals to explain each step in the solution.

Library Management System

📅 Spring, 2019

- Maintained, Developed and Designed the library system site by using PHP, CSS, JavaScript and HTML programming to meet validation requirements.
- Implemented data cleaning and reorganization.
- Built a backend SQL database that interact with front-end.

Breakout Video Game

📅 Fall, 2018

- Built a classic Breakout game for Android.
- Created all objects by using Object Oriented Programming technique.
- Used SurfaceView and extended it to provide a dedicated drawing surface. Excuted drawing in the background thread.
- Implemented the function of saving and updating top 10 records.

Auction Website

📅 Spring, 2018

- An auction site that implements real-time bidding, individual user management, and merchandise display functions using Java Web technology.
- Utilized MVC architecture, responsible for the Controller part.
- Interacted with the database to submit data and extract data using DBManager. Used Servlet to process and respond to requests from the View.

ACTIVITIES

FACSS-UTD(China Association)

📅 Fall, 2016 - Summer, 2018

- Assisted in the planning and execution of annual events of Chinese Festivals.