

QI GAO

Data Scientist

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EXPERIENCE

Android Development Internship

IQIYI, Inc.

📅 Summer, 2017

📍 Beijing, China

- Worked as an intern in the Intelligent equipment division department during summer months.
- Completed and analyzed daemon process research to prevent application to be shut down. Provided a detailed report and presented to the team.
- Assisted in UI designing and developing.
- Tested functions of client software on 10 different brands of TV boxes.

Big Idea Competition

Institute for Innovation and Entrepreneurship

📅 Spring, 2018

📍 UTDallas

- Worked with team members on blockchain technology solving problems faced by automotive industry.
- Completed a business plan and a 40-page blockchain white paper detailing current pain points, technical resolutions and futures.
- Presented to mentors and other competitors.

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

PROGRAMMING SKILLS

- Languages: Java, C++, Python, SQL, Latex
- Web Development: HTML/CSS/Javascript, Java Web
- 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
- Learning Cantonese

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. Executed 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.