

Jiao Huang

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EDUCATION

Bachelor of Science in Computer Science

The University of Texas at Dallas, Richardson, TX

Expected December 2020

The University of Houston, Houston, TX

August 2015 - May 2017

TECHNICAL SKILLS

Programming Language and Database:	Java, C/C++, C#, Python MySQL, SQLite
Web Technologies:	HTML, CSS, XML, JavaScript
Platforms and Framework/APIs:	Microsoft Azure, Amazon Web Service, .NET, Spring, Gitlab, Hibernate, Bootstrap, React, JDBC, Android Studio, PyCharm

WORK EXPERIENCE

Software Developer

January 2020 – Present

Institute for Data Analytics and Performance Management at UTDallas, Richardson, TX

- Use Java, web and database technologies to maintain the Mobile App and the database.
- Crawled data from the website and put them into a spreadsheet in Excel using Jsoup and Apache POI Libraries.
- Check if the data in the Excel spreadsheet are existed in the Database using MySQL and JDBC.

CS Outreach Instructor

June 2019 - August 2019

CS Outreach Program at UTDallas, Richardson, TX

- Taught 20 students about writing Android Apps using techniques such as Firebase, Sensors, external libraries, etc.
- Instructed students to design their own web page using HTML and CSS.
- Taught programming basics for languages such as JavaScript, Alice, and Scratch.

Undergraduate Research Assistant

June 2017 - August 2017

The Share Bicycle Project at UH, Houston, TX

- Was the Team lead of Front-end Mobile App Group and assigned tasks to the 5 other team members and presented the project progress to weekly group meetings.
- Built the mobile app using C# language and Xamarin's cross-platform, and designed the logo for the Mobile App.
- Created login/sign up pages, sliding pages, and a Google Map page with teammates using Microsoft .NET in Visual Studio.

INDIVIDUAL PROJECTS

Finger Painting App – Java, HTML, Android Studio

- Created the drawable canvas and implemented the draw method by defining the x-y axis.
- Implemented the undo, clear, change brush size, and change color method.

Music Player App – Java, HTML, Android Studio

- Designed the UI layout using Picasso library.
- Implemented the play, pause, stop and play next/previous music method.

COURSE PROJECTS

Game JDBC Project - Java, MySQL

- Developed and implemented Services and DAOs that supported the application's persistence requirements.
- Was the Team Leader of the project and used JUnit to debug the application.

Contact Manager - Java, HTML, Android Studio, SQLite

- Wrote an Android App that allowed adding, saving, and deleting contact information.
- Implemented date fields using a fragment that brings up a calendar.
- Used the accelerometer to sort the contact list when detecting the device shaking.
- Applied SQLite database and retrieved/inserted contacts from/to the database.
- Embedded Google Map into the project to show contact's address location including longitudes and latitudes on the map.

ACTIVITIES

Member, Friendship Association of Chinese Students and Scholars at UTD, Richardson, TX

2017 - Present

- Maintain the official website and the forum of the organization in the IT Department.
- Work on a project to develop a Mobile App for the organization with 4 other members.