

Yinan Qiao

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EDUCATION

University of California San Diego

Bachelor of Science

Major in Computer Science

Cumulative GPA: 3.75/4.0

Relevant Coursework: Software Engineering; Operating System; Algorithm; Data Structure; Computational Thinking; Design Patterns; Behavior Driven Development.

Foothill College

Associate of Science

Major in Computer Science

Cumulative GPA: 4.0/4.0

Relevant Coursework: Data Structure; Software Design; Object-Oriented Programming Method

WORK EXPERIENCE

Software Development Intern

XinJiang Rural Credit Cooperatives

June 2021 - Aug 2021

XinJiang, China

- Worked with a project manager on update second generation bank payment system
- Optimized front-end website pages with HTML, CSS and JavaScript
- Worked in a group updated reusable database with MySQL on bank liquidation system for better efficiency
- Experienced working with framework Spring, SpringMVC, MyBatis
- Demonstrated working ability in Object Oriented Programming and design principles

PROJECTS

San Diego Zoo application Project

- Used Zenhub to manage group cooperation and keep track of working flow based on Behavior Driven Development principle
- Translated UI/UX design wireframes into code to produce high quality app pages with AndroidStudio
- Implemented algorithm approach to optimize the shortest visit path
- Created database using JSON files to read and write data from
- Experienced in writing UI test and Unit test with tools: Junit, Espresso and Robolectric
- Worked closely with an agile team of 6 members and provide end-to-end solution for our clients

Todo List Android Application

- Accomplished the main functionalities where users can add, view and complete todo items
- Created functional UI todo list components and managed the states of todo items with RecyclerView and ViewModel
- Worked closely with frontend development tools such as version control system with Github Repository and Github Actions CI

House Price Prediction Research Project

- Developed different model using linear regression, polynomial regression, lasso, ridge regression to predict house price in California under the tutelage of PhD candidates from UCLA
- Fetched messages from MongoDB to display historical messages when users open the conversation window with Axios
- Used natural language processing packages like NumPy, scikit-learn and pandas, trained my model several times to let it fit the data and improve the accuracy of semantic analysis.

SKILLS

Programming Languages: Java, C++, Python, HTML, CSS, JavaScript, MySQL, R, Linux, Git

Development Software: IntelliJ, Xcode, Eclipse, Atoms, Terminal, AndroidStudio, Zenhub

Languages: English, Chinese

Soft Skills: Communication, Team Work, Logic Thinking, Problem Solving, Research