

TRACY YU-QING QUAN

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EDUCATION

Computer Science and Technology, Donghua University

Sep 2015- Jul 2017

GPA: 4.18/5.0; Rank: 1st/52

Core Courses: Data Structures and Algorithms, Operating Systems, Object-oriented programming and Java

Computer Science and Technology, Zhejiang University

Sep 2017- present

GPA: 3.94/5.0; Core Courses: Computer Network, Database Systems, Computer Graphics, Numerical Analysis

PROJECT EXPERIENCES

MiniSQL | Zhejiang University

Mar 2018 – present

- Designed and implemented a multi-user SQL engine (DBMS) MiniSQL
- Used a database access method which makes a comprehensive use of stored procedures and database connection pool.

Pseudo Base Station Analysis | Zhejiang University

Dec 2017-Jan 2018

- Information Visualization Project Based on D3.js
- Analyzed the timestamp and location information of a month's spam message linking with the base station in Beijing and get the pseudo-base station flow rule
- Detected the pseudo base station's course of action by anchor points fluidity over time. Provided police with suggestions for arrest.

Mini-social Platform APP | Zhejiang University

Oct 2017-Jan 2018

- An Android app where users can publish activities as event planners or participate in activities as interested people
- Designed for college students and based on real name certification

Game Scenario | Zhejiang University

Nov 2017-Dec 2017

- Implemented a game where players can control the aircraft traveling in space to avoid obstacles under two modes, day and night
- Used native WebGL based on HTML5; Rendered Obstacles by Blender

Library Management System | Zhejiang University

Nov 2017-Dec 2017

- Based on PHP and MySQL
- Administrators can manage books and library cards and users can view book information, borrow books and return books

Bootstrap-based Web Page Design | Donghua University

Mar 2016- Jun 2016

- Built a website introducing Chinese cuisine
- Implemented the login form layout by Bootstrap's Grid System
- Realized the navigation section of the top page by responsive layout structure

LEADERSHIP AND ACTIVITIES

Student Union | Donghua University | Deputy Minister of New Media

Jul 2016 – Jun2017

- Operate new media accounts to promote student events

Social Practice | Donghua University

Jul 2016

- Led students to conduct social research in Hunan for one week, mainly exploring traditional cultures and understanding their current status for protection
- This social practice activity was rated as an outstanding school project and participated in the municipal appraisal

AWARDS

2016.09 National Scholarship(1st)

2016.09 Donghua University Scholarship(top 10%)

2016.09 Excellent student of Donghua University(top 5%)

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2017.09 Excellent student of Donghua University(top 5%)

SKILLS

Programming Languages: C/C++, HTML/CSS, MySQL, PHP, Java

English : Participated in UCSD's ACADEMIC ENGLISH Program in Summer 2017 and got A in Listening and Practice Course.

TOEFL: 91