

Xiaohu Zheng

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EDUCATION

City College of the City University of New York

2018 - Current

Bachelor of Science in Computer Science | GPA: 3.85/4.00

Relevant Coursework: C++, Python, Data Structure, Algorithm, Database System, Software Design, Computer System, Computer Network, Machine Learning, Artificial Intelligence

SKILLS

Programming: C++, Python, SQL, HTML, CSS, JavaScript

Tools: QT creator, Django, MySQL, OpenCV, Linux Operating System (Ubuntu), Vue

Spoken Languages: English & Chinese

PROJECTS

GradSchoolZero(Team Project) https://github.com/ZhengXiaohu98/graduate_system

Oct 2021

- A graduate school system which is used to do school management
- Implemented features include applying to be a student/an instructor, viewing applications, sending system notification, setting up class period, adding/suspending students/instructors, etc
- Responsibilities: Distributing works, relational table design, document writing
- Building environment: Python, Django, HTML, CSS.

STUDENT_INFO_SYSTEM https://github.com/ZhengXiaohu98/Student_info_system

Aug 2021

- A GUI application which allows different types of users (Student, Instructor, School Administration, Root User) to manage their personal information and course information.
- Implemented features: Students are allowed to add/search/drop courses, instructors are allowed to check the course & student information, School Administrators are allowed to add/drop courses, root users have all the permissions.
- Building environment: C++, QT creator, SQLite

Basic OpenCV https://github.com/ZhengXiaohu98/OpenCV_DEMO

May 2020

- A program which demonstrates basic functionalities of OpenCV library
- Implemented features: changing color space and rotating images, creating trackbars, mouse event and keyboard responses, face detection.
- Building environment: C++, Visual Studio, OpenCV library

QTcpServer <https://github.com/ZhengXiaohu98/QTcpServer>

June 2021

- A simple GUI application which allows both server and client to send and receive messages from each other.
- Implemented features: Connecting/Disconnecting functionalities for both sides, sending/receiving messages for both sides.

EXPERIENCE

Peer Tutor, The City College of New York

Sept 2021 – Dec 2021

- Helping students with projects for Software Design Laboratory using Java programming language
- Helping students to understand Data Structure & Algorithms