George Li

- Beijing, 10084, China
- thegeorgeyli@gmail.com
- +8613811510653

TECHNICAL SKILLS

Languages
Python, Java, C++/C, Dart, Javascript, Cuda, SystemVerilog, CSS, SQL

Frameworks and SDKs
React, Django, Vue, Android Studio, Flutter, Qt, Unity, Vivado

Tools
Git/Github, Ubuntu/Linux

LANGUAGES

English	Chinese
Fluent	Proficient

RELEVANT COURSES

Data Structures

High Performance Computing

Software Engineering

Human Computer Interaction

Information Retrieval

Computer Networking

Signal Processing

Database Systems

INTERESTS

Photography   Basketball

Open-Source

EDUCATION

Livingston High School (August 31, 2014 - June 30, 2018)
High School

Tsinghua University (August 31, 2018 - July 14, 2023)
College, Computer Science and Technology

PROJECTS

Enterprise Assets and User Management Platform for Huawei (August 31, 2020 - January 31, 2021)
Software Engineering

Content: Designed and implement enterprise management website according to client needs. It handled system management, user management, asset management, organizational structure, etc.
Results: (1) Strong understanding of how to design a scalable, flexible, and reusable full-stack system. (2) Mastery of with React and Django programming frameworks, and code quality management through Sonarqube.

COIVID-19 Mobile News Application (July 31, 2019 - August 31, 2019)
Java Programming

Content: Experience Java programming through Android Studio software development platform, understand the mobile phone software development process, and become familiar with the git distributed version control system
Results: (1) Develop applications for COVID-19 news and related data statistics to achieve real-time data refresh, which includes the latest news, academic papers, and cases of infection and death in various countries (2) Develop production ready news application, including features such as offline storage, news sharing, news classification, and light/dark mode/

IOT Home Visualization (August 31, 2022 - January 30, 2023)
Software Development

Content: Design a full-stack software to collect and display real-time environmental data from smart IOT devices, including floor sensors (to track movement), electricity usage, and temperature measurement.
Result: (1) Developed a responsive frontend web application using NodeJs, React, and ThreeJs that utilizes web sockets to communicate with a Django backend. (2) Set up a linux server and configured NGINX, automate deployment of web application through GitHub Actions and runners.

WORK EXPERIENCE

Beijing Kwai Technology (May 31, 2021 - November 29, 2021)
System Operation Intern

Studied software-defined networking (SDN) and high-level programming language (P4) procedures for designing data planes to prevent DDOS attacks. Deployed a P4 programming virtual machine environment, and was responsible for creating P4 notes for the team.