

# George Li

📍 Beijing, 10084, China

✉ thegeorgeyli@gmail.com

☎ +8613811510653

## TECHNICAL SKILLS

### Programming Languages

Python, Java, C++/C, Dart, Javascript, GoLang, CSS, HTML

### Libraries and Frameworks

React, Django, Vue, Android Studio, Flutter, Qt, Unity, Vivado, Node.js

### Tools

Git/Github, Linux/Windows/Mac, Docker/Kubernetes, SSH, Figma

## LANGUAGES

### English

Fluent

### Chinese

Proficient

## RELEVANT COURSES

### Foundations

Data Structures and Algorithms, C/CPP Methodology

### Software Development

Software Engineering, Intelligent Software Oriented Architecture, Android Development, Flutter Development

### Advanced Computer Courses

High Performance Computing, Human Computer Interaction, Computer Architecture, Operating Systems, Database, Information Retrieval, Signal Processing, Artificial Intelligence

## INTERESTS

### Passion

Photography, Basketball, Hiking, Open-Source Development

### Extracurricular Achievement

Coach and core player during three consecutive championships for the 2019, 2020, 2021 John Ma's Basketball Tournament

## EDUCATION

### Livingston High School

High School

(August 31, 2014 - June 30, 2018)

### Tsinghua University

Bachelors, Computer Science and Technology

(August 31, 2018 - July 14, 2023)

## PROJECTS

### COVID-19 Mobile News Application

Java Programming

(July 31, 2019 - August 31, 2019)

**Content:** Experience Java programming through Android Studio software development platform and understand the mobile app development process, master code management with Git/Github version control. **Results:** (1) Develop android application for COVID-19 news and related data statistics. Achieve real-time data refresh, including latest news, academic papers, and cases of infection in various countries (2) Develop a production ready news application with features such as offline storage, news sharing, and news classification.

### Enterprise Management Platform for Huawei

Software Engineering

(August 31, 2020 - January 31, 2021)

**Content:** Designed and implement enterprise management website according to client needs. Platform is used for 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.

### IOT Smart Home Visualization

Software Development

(August 31, 2022 - January 30, 2023)

**Content:** Design a full-stack software to collect and display real-time environmental data from smart IOT devices, including Sensfloor® technology (to track person movement), TV's, refrigerators, and air conditioners. **Results:** (1) Developed a responsive frontend web application using Nodejs, React, and Threejs that utilizes web sockets to communicate with a Django backend. (2) Self hosted an Linux VPS server, configured using NGINX. Automated deployment of web application through GitHub Actions and runners.

## WORK EXPERIENCE

### Beijing Kwai Technology

System Operation Intern

(May 31, 2021 - November 29, 2021)

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 using Docker, and was responsible for creating P4 notes for the team.

### International Congress of Basic Science

Web Developer

(December 01, 2023 - Present)

**Content:** Freelance website design, development, and deployment for the International Congress of Basic Science. **Results:** (1) Website design with Figma and Photoshop. (2) Develop and deploy a responsive, full stack web application using React, Tailwind CSS for frontend and Django as backend. Configured using Nginx, VPS and Domain name. (2) Maintained frequent, transparent communication to meet the clients needs.