

# Qianyu Zhang

---

Tel: (+86)18180018618

E-Mail: [imzhangqianyu@outlook.com](mailto:imzhangqianyu@outlook.com)

Website: <https://www.yuzzl.site>

## Education Background

---

### University of Electronic Science and Technology of China

- Software Engineering (Internet Security), Undergraduate Junior
- **Grade: 91.48, GPA: 3.99/4, TOEFL: 96**
- Received the Excellent Student Scholarship for the 2021-2022, 2022-2023 school year
- the Third Prize in the National Competition of Service Outsourcing and Entrepreneurship Innovation

## Technical Skills

---

### Programming Language

- C, Java, SQL(Primary); JavaScript, HTML, CSS, Python (Experienced)

### Computing Technical

- Proficient in frontend development using JavaScript, CSS, HTML, Vue.js/React.js, and also skilled in Ajax, WebSocket, and API usage; knowledgeable in Android framework; Proficient in Python; Knowledgeable in backend development, such as database and servers;
- Knowledgeable in Network Security, taking courses such as Modern Cryptography, Network Attack and Defense; basic comprehension of Malware and Vulnerability, as well as Network Security Protocols, such as TLS
- Basic understanding of operating system and Linux; Solid understanding of major computer network protocols such as TCP/IP, HTTP; Solid comprehension of data structures and algorithms
- Solid mathematical foundation, with courses completed in calculus, linear algebra, discrete mathematics, and abstract algebra

## Experiences

---

### Sep. 2022 - Present    Network Public Opinion Analysis Based on Machine Learning Project

- Conducted data collection, visualization, and sentiment analysis on mainstream social media data and built a platform to showcase our finding, under the guidance of teacher Huang Jun.
- Utilized Python for data processing and employed API calls and web scraping techniques to collect data, and gained basic introductory knowledge of machine learning.
- Developed data cleaning and visualization skills, and contributed to building an information presentation platform using JavaScript and Vue.js.

### **Oct. 2021 - Present                      Frontend Engineer in Student Studio**

- Joined the school student studio, Star Studio, as a frontend engineer, since freshman year
- Collaborating with my fellow students on Web development, Android application development, and the operation and maintenance of the School's Student Forum Websites.
- Strengthened teamwork skills and worked closely with backend engineers and product managers; Proficient in Git and various IDEs, such as VScode.

### **Jul. 2023 - Aug. 2023                      UBC Summer Program**

- Participated in the UBC Summer Program in Vancouver, deepening understanding of algorithms, including graph theory, and enhancing coding skills
- Developed effective teamwork and English communication skills through collaboration with peers from diverse backgrounds.
- This experience has deeply impressed me with this country and its people. I hope to continue studying here and look forward to future academic challenges and opportunities.

## **Personal Evaluation**

---

- I have achieved exceptional academic results, demonstrating a strong foundation in specialized knowledge and extensive programming experience, particularly in the field of **front-end engineering**.
- I also have a strong interest in computer network security. I have read papers and materials on botnets by myself to expand my knowledge.
- I'm good at working with teams and I can communicate well in English. My skill in teamwork and collaborating with people from different backgrounds sets me apart.