# Zhihao Shen

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## 🎓 EDUCATION

**Wuhan University (WHU)**, GPA: 3.65/4.0                                    2018 – 2022
*Undergraduate student* in Computer Science (CS).                            Wuhan, China

## 📦 PROJECTS

### ⓞ **sznn** ☆ 8                                                           Feb. 2022 – Apr. 2022
*Rust/Typescript, Maintainer* | Graduation Projects

High performance nerual network inference framework running on Web.
- Pure Javascript backend support for portability.
- Accelerate with WASM SIMD and multithreading generated by Rust.
- The use of WebGPU further improves throughput.

### ⓞ **ShZh Websites** ☆ 2                                                  Sep. 2021 – Present
*Svelte/ReScript/Tex, Maintainer* | Individual Projects

Collections of my websites, including my personal homepage, blogs, diaries and so on.
- Highly optimized for user experience, Lighthouse score guaranteed.
- Modern web technologies such as Tailwind, Alpine and Gatsby are used.
- Support responsive design for various screen sizes and adaptive dark mode.

### ⓞ **Robot V0** ☆ 1                                                       May 2022 – Present
*Kotlin, Maintainer* | Individual Project

My multifunctional QQ robot, driven by OneBot protocol and go-cqhttp.
- Detect related links and visualize them with OpenGraph.
- Highly scalable RSSHub-based subscriptions for mainstream social media.
- Replace QQ's native query with more flexible history query function.
- Port Twitter's popular makeitaquote and progress-of-year features.

## 🏆 AWARDS

**- China Software Cup**, 3$^{rd}$ Prize, *Captain*                          Oct. 2020
Intelligent applications for traffic scenes based on computer vision. ⓞ ☆ 37
**- APMCM**, 2$^{nd}$ Prize                                                  Nov. 2019
Analysis and decision-making of regional economic vitality and its influencing factors.

## ⚙ SKILLS

- **HPC**: C/Rust, x86 SIMD, OpenMP, CUDA, MPI, .etc.
- **DB**: MySQL, Redis, MongoDB, boltDB, levelDB, .etc.
- **Web Backend**: JVM, Sprint Boot/Spring Cloud, .etc.
- **Web Frontend**: H5/C3, JS/WASM, TypeScript/ReScript, React, .etc.

## ℹ MISCELLANEOUS

- **Mandarin**: Native speaker
- **English**: CET-6: 463 | CET-4: 556
- **Linktree**: https://linktr.ee/ShZh7