

KevinZonda

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EDUCATION

University of Birmingham, UK

Sep 2021 – Jun 2024

- B.Sc. Computer Science, overall result 87.5%, equivalent to GPA: 4.25
- Computer Science International Achievement and Excellence Scholarship (2021)
- Computer Science International Achievement Scholarship (2022)
- Relevant Courses: Data Structure and Algorithms, Object Oriented Programming, Artificial Intelligence 1, Full Stack Application Development, Mathematical and Logical Foundations of Computer Science, Theories of Computation

WORK EXPERIENCE

Beijing TreeHollow Tech Co., Ltd.

May 2022 – Present

Backend Engineer Manager, Intern

Remote

- Led a small-size engineer team to work collaboratively. Planned work for multiple groups of people.
- Involved in the design of the whole new **golang** backend project including the database, cache, API, software structure and cloud architecture. Performed DDD pattern to make sure the project was tidy and readable.
- Constructed peripheral services with multiple languages (including **Golang**, **C#** and **PHP**).
- Worked with front-end team, used **TypeScript** and **React Native** to build cross-platform mobile applications.

Beijing TreeHollow Tech Co., Ltd.

Oct 2021 – Present

Backend Engineer, Intern

Remote

- Worked with **golang** to build robust and reliable backend which supports a community of over 80,000 users.
- Containerised the backend project with **Docker** and constructed High Availability structure.
- Handled DevOps with **Aliyun K8s** including but not limited to using CI/CD to accelerate the testing and deployment procedure.

DT Asia Pte Ltd

Oct 2021 – Feb 2022

Technical Specialist

Remote

- Had a basic understanding of safety training in the company.
- Used **Lucy Security** to perform some email phishing training.

PROJECTS

FastGit

<https://fastgit.org>

A public non-profit project to help China Mainland users access GitHub.

Serves over 800,000 requests per day (statistics by Aliyun).

I built the core proxy part with **Nginx**. To prevent abuse, I used **golang** for creating an experimental SNI proxy as the endpoint instead of the plain one. I also constructed a useful utility (a git wrap) **fgit-go** with **golang** to help Chinese programmers work without considering their network situation.

PassCore

<https://passcore.org>

Cryptography tool helps users to protect their password from being compromised. Developed in **.NET** technology.

I used Blazor WebAssembly, Xamarin.Android and WinForms technology to create different platform clients.

LGBT-CN

<https://github.com/LGBT-CN>

Union Chinese programmers to support LGBT. Has over 500 stars on GitHub.

I maintained the official website and the whole organisation's invitation.

BooCat

<https://boocat.org>

An aggregation book searching engine which supports multiple sources. It allows users to search books within just one platform. I used **C#** and **ASP.NET Core** to build a RESTful API server to find and parse searched content. I also did some **Vue.js** to make the whole website look more elegant.

ADDITIONAL SKILLS

Programming Language: familiar with Golang, C#, Java and SQL. Can do a little TypeScript, Bash and PowerShell.

Tools & Frameworks: Gin (Go), Gorm, .NET, React Native, ASP.NET Core, MySQL, Redis, Azure Function, Docker, Nginx, OpenAPI, GitHub Actions.

Language: Mandarin (native speaker), English (fluent)