

# Zhaoyang Shi

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GitHub: <https://github.com/Histosun>

Java, Python, C/C++, Database (MySQL, Oracle), CSS, HTML, JavaScript, JQuery, Spring

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## EDUCATION

### Computer Programmer, Algonquin College

Sept.2020 – Aug.2022

- Dean's Honours List; GPA: 3.92/4.00
- Selected coursework: Object-Oriented Programming (Java), Database (PostgreSQL, MySQL, Oracle), Operating Systems (GNU/Linux), System Analysis and Design, Web Programming, Network Programming

### Finance, Shandong University

Sept.2013 – June.2017

- Selected coursework: advanced mathematics, Linear algebra

## PROGRAM-RELATED SKILLS

- **Backend(Java/C#):** Proficiency in using Java frameworks like Springboot, SpringMVC, Spring data jpa. Familiar with ASP.NET core WebAPI.
- **Frontend(React):** Familiar with React. Able to build single page Application.
- **Database:** Used PostgreSQL, MySQL, Microsoft SQL Server, Oracle to design database.
- **Version Control(Git):** Familiar with most commands of Git. Including operations such as submitting, creating branches, merging branches and uploading to remote repository.
- **C/C++:** Familiar with C/C++ grammar. Strong understanding of C language features, such as pointers.
- **x86 Assembly Language:** Able to Implemented bootloader of a simple os kernel with assembly language.

## Working Experience

### TD Securities

Oct. 2021 – Nov.2021

Backend Developer, Co-op

- Write **REST API** using **Springboot**
- Use **Spring Data Jpa** to operate database
- Use **Liquibase** to manage database
- Help the company's programmers to deploy the code to the company's software

### Nokia

Jan. 2022 – Apr.2022

Software Developer in Test, Co-op

- Use **TypeScript** and **Jest** to test SOAP API according to test plan
- Design test plan according to the product's feature

## ACADEMIC-RELATED PROJECTS

**ZHOS (x86 assembly language, C language, Makefile, GCC)** – A simple x86 64 bits operating system from scratch. Including bootloader, interrupt, paging, memory management and process management. Now trying to implement file system.

Github Address: [https://github.com/Histosun/zhshi\\_os](https://github.com/Histosun/zhshi_os)

**SunnyBlog (ASP.NET core, Web API, EF core, MySQL, Redis, React, Redux, Antd)** – A front-end and back-end separation web project for listening learning. The back-end is implemented by .NET core, Web API. Uses DDD architecture. The front-end is implemented by React. Use Antd for ui design.

Github Address: <https://github.com/Histosun/SunnyBlog/tree/master>

**Sunmall (JavaWeb, Springboot, Spring Data Jpa, Microservice)** – An e-commerce Springboot backend project.

Github Address: <https://github.com/Histosun/SunMall>

## **ADDITONAL QUALIFICATIONS**

- Ability to communicate clearly and concisely within a team.
- Responsible and able to get along well with members of the team.
- High work efficiency. Able to complete tasks on time and accurately.
- Fluently communicate in English and Mandarin.

## **References**

**Saif Terai (Professor in Algonquin College)**

- Phone: 613.727.4723 x 3467
- Email: [terais@algonquincollege.com](mailto:terais@algonquincollege.com)

**John Green (Software developer Nokia)**

- Linkedin: [linkedin.com/in/johnagreen](https://www.linkedin.com/in/johnagreen)