Zichen LUO

Software Engineer

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ABOUT ME

Since high school, I've been passionate about computer science, building a solid theoretical foundation and extensive project experience. I actively participate in open-source communities like GitHub to continuously broaden my technical horizons. I'm a strong self-learner, capable of quickly mastering diverse technologies such as .NET, Android, and microcontrollers (Raspberry Pi, Arduino). I possess excellent problem analysis and resolution skills and am enthusiastic about industry developments and emerging technologies.

- .NET: Visual Basic.NET, C#
- Java
- SCM: Git, SVN
- MarkDown, LaTeX
- Arduino, Raspberry Pi

EXPERIENCE

Aug. 2023 – Present **.NET Software Development Engineer** **iTran Systems Company Ltd., Guangzhou**

During my tenure, I was primarily responsible for projects for civil aviation clients such as China Sichuan Airline, Central Airlines of China, and Air Central (China), involving the ULD management system (developed using ASP.NET technology); the two generations of the booking system for YTO Cargo Airlines (the first-generation system developed with .NET technology, and the backend of the second-generation system developed with Java technology); the cargo terminal system project for Sanya Phoenix International Airport (developed using .NET technology); and both the cargo terminal system project for Haikou Meilan International Airport (developed using .NET WinForms technology) and the handheld PDA application project (frontend developed natively for Android, backend API developed using ASP.NET technology).

Jul., 2018 – Aug., 2018 **Intern** **China Everbright Bank Co., Ltd., Guangzhou**

Interned in the E-Banking Department and the Information Technology Department. During the internship in the E-Banking Department, accompanied supervisors and colleagues to visit clients, gaining an understanding of the department's operations and customer needs. While in the IT Department, assisted in organizing fixed asset information for China Everbright Bank across all branches in Guangzhou and compiled the data into spreadsheets.

EDUCATION

2020 – 2021 **Human–computer Interaction Major** **University of Nottingham**

Focusing on the design of computer technology and, in particular, the interaction between humans (the users) and computers.

2016 – 2020 **B.S. in Computer Science and Technology** **Beijing Normal-Hong Kong Baptist University**

Major courses: Structured Programming, Distributed Computing Systems, Internet and the World Wide Web, etc.
Received a letter of recommendation from Associate Professor Hou Yuantan, Vice Dean of the School of Science and Technology.
Awarded the Admission Scholarship and the Servant Leadership Silver Award.

Jul., 2017 – Aug., 2017 **Summer Course** **Hong Kong Baptist University**

Major course: You and Your Health
GPA: 3.00 / 4.00

ORGANIZATIONAL AND CLUB EXPERIENCE

2016 – Present · **Founder & Secretary** · **UICHCC**

UIC Homebrew Computer Club is an computer hobbyist group in UIC.

2017 – 2020 · **Technical Team Leader & Stage Manager** · **TEDxUIC**

TEDxUIC is an independently organized TED event that is arranged by UIC students.

2017 – 2018 · **Cabinet Secretary** · **CST Professional Association**

The **CST Professional Association** is the official organization of the CST major.

SKILLS

Language Proficiency · **English**

CET-4 : 654
CET-6 : 571
TOEFL : 100 / 120

Others

Mandarin : Native
Hainanese : Proficient
Cantonese : Basic
Hakka : Basic

Professional · **Computer Science**

Qualification Certificate of Computer and Software Technology Proficiency:
Intermediate Level, Software Design Engineer

PERSONAL PROJECTS

2024 – Present · **Kindle Mate 2** · 🔗 **lzcapp/KindleMate2**

A program for managing Kindle's clippings/notes and Kindle's vocabulary list, aiming to provide an alternative solution after the Kindle Mate stopped updating.

2021 – Present · **OpenHappyHackingCalendar-Python** 🔗 **Yifeng-J/OpenHappyHackingCalendar-Python**

The Python implementation of *Programming Calendar*, adapted from the OpenHappy-HackingCalendar project, with functionality largely consistent with the original project.

2015 – 2024 · **Miku Weather for Windows** · 🔗 **lzcapp/MikuWeather_Windows**

A Windows desktop-style weather application, utilizing the Baidu CarLife API for IP-based location services and the Caiyun Weather API for weather data.