Wenhao Li

Computer Science
Software developer
Full-stack developer

Contact

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Specialization

Mobile app
Web app
Terraform
Kubenetes
Docker
Micro-service
SQL, NoSQL
Phoenix Framework
Flutter Framework
Sails Framework
Vue Framework
Data Security and Privacy
Communication protocol
Data Structure
Functional Programming
Context-free grammar
OO Programming

Programming

Elixir	Expert
Dart	Expert
TypeScript	Expert
C#	Intermidiate
F#	Expert
JavaScript	Expert
HTML	Expert
CSS	Expert
Python	Intermidiate
Shell script	Expert
C++	Intermidiate
Java	Intermidiate
C	Intermidiate

Language

Korean	Native
Chinese	Native
English	Professional

About

I'm prusing a new MSc in Engineering Physics, worked as an Associate Full-Stack Deveoper for Web and Mobile App and Graduated MSc in Computer Science.

Job Experience

- October-2022 ∼ July-2024 (company bankrupt)
  Full-stack Developer in SinoLab.
  SinoLab was an entrepreneurial company that provides social media networks and many more rich contents for tourists and locals.

  I was responsible for developing the frontend, backend and third-party services for the **web** dangdi.life and **mobile apps**. For the **front** and **back end** I rendered and implemented the create, read, update and delete (CRUD) operations for articles, users and comments and communication protocols for thrid party applications, e.g., **Ghost-CMS**, **Facebook**, **Wechat**, **Google Map**, **Baidu Map** and **NodeBB**.

  My job area was comprehensive, and it is reflected in the selection of the tech stacks and production efficiency. I stay close with the CEO and product manager and collect the common choice to develop the apps. We also discuss questions like what existing services can be applied to speed up the development; I stay curious about new techs and learned the **Vue**, **Sails** and **Flutter** framework during the development of the applications without prior knowledge.

- June-2022 ∼ July-2022,
  Backend developer internship in make!mpact.
  I practiced so much from the internship, e.g. data modeling for stock trading business, backend CRUD operation of the business, and implementation of algorithmic trading strategies. It was a precious opportunity to get handy with **node.js** and **Firebase**. I enjoyed learning and discussing with the colleagues during the internship.

- February-2018 ∼ May-2019,
  DTU Teaching Assistant, System Integration
  It is a fantastic experience to help the students with modeling systems with **UML** and planning software development with the **Agile** methodologies.

- January-2016 ∼ June-2016,
  Bachelor Thesis student in Merus Audio, **FPGA scan test** Throughout the thesis I've learned how to setup a white box testing platform for the audio chips and script test cases to perform bit level tests.

- January-2013 ∼ July-2013,
  Android app internship at Neusoft.
  During the internship, I learned how to perform black box testing for android mobile app. I was so happy for the knowledge and experience gained in the professional environment.

Education

- Jan-2022, DTU Master of computer science engineering.

- Jun-04-2021, **Master thesis**: Formal modeling and analysis of an eHealth Protocol.

- Jun-2016, DTU Bachelor Engineering of Electrical.

- Jun-2015, Line following robot project.