Contacts

{ GitHub , LinkedIn , email: diohabara@gmail.com }

Educations

the University of Texas at Dallas, August 2022 - Present

Graduate Student in Computer Science, Computer Science Department

SOKENDAI, the Graduate University for Advanced Studies, April 2022 - leave of absence

Graduate Student in Informatics, Department of Multidisciplinary Sciences

The University of Tokyo, April 2019 - March 2022

Bachelor in EECS(Electrical Electronics and Computer Science), Department of Engineering

Stanford University, June 2019 - September 2019

Exchange Student, Computer Science

Employments

Indeed: Software Engineer Intern, July 2022 - August 2022

- I created a PoC data pipeline. The intern included writing design doc, making consensus with other members, and making a presentation.

Hatena: Software Engineer Intern, February 2022 - May 2022

- I improved the developer experience by migrating from Jenkins to GitHub Actions and speeding up CI/CD.

Q-Squared: Software Engineer Intern, June 2021 - February 2022

- I made a proof of concept for network acceleration.
- Blog post in Japanese

Mercari: Software Engineer Intern, August 2020 - September 2020

- I was making a static analysis tool for the Go programming language.

FLYWHEEL: Software Engineer Intern, July 2020 - August 2020

- I was making a real-time layer of the data platform.

- Blog post in Japanese

Wantedly: Software Engineer Intern, August 2019 - September 2019

- I improved existing functions of Wantedly People, an HR application, and added new functionalities.

Projects

The top 3 in ICCAD 2021 CAD Contest

I worked on circuit generation with other lab members in B4.

Implementation of TCP/IP protocol with KLab

I implemented TCP/IP protocol in C with mentors and other participants as an internship project in B4.

BrainF**k interpreter with Raspberry Pi: muscle_f**k

I create a Raspberry Pi app to enable people to get exercise while programming in B4

Addition of some functionalities to Firefox

I added additional bookmark properties to Firefox as a school project in B3.

Hobby repositories

A toy C compiler: ccc

I wrote a toy C compiler with an original lexer, parser, and code generator.