

Curriculum Vitae/Resume

Kadoi Takemaru
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Education

The University of Tokyo, April 2019 - March 2022(Expected)

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

Stanford University, June 2019 - September 2019

Exchange Student, Computer Science

The University of Tokyo, April 2017 - March 2019

Liberal Arts, College of Arts and Sciences

Social Accounts

- [GitHub](#)
- [LinkedIn](#)

Projects

The top 3 in [ICCAD 2021 CAD Contest](#)

I worked on the code that generates circuits.

Addition of some functionalities to [Firefox](#)

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

Imlementation of TCP/IP protocol @ [KLab](#)

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

Technical Strengths

CS Lectures I've taken

- Computer Architecture
- Algorithms and Data Structures
- Information Theory
- Programming Language Theory

- Operating System
- Machine Learning
- Other miscellaneous stuff...

Work Experience

Q-Squared, June 2021 - Present, Software Engineer

- As a software engineer intern, I made a proof of concept for network acceleration.

Mercari, August 2020 - September 2020, Software Engineer

- As a software engineer intern, I was making a static analysis tool for the Go programming language.

FLYWHEEL, July 2020 - August 2020, Software Engineer

- As a software engineer intern, I was making at the data platform engineering department.
- I was making a real-time layer of its data platform.
- A related blog post in Japanese: <https://www.flywheel.jp/blog/20200917/>

Wantedly, August 2019 - September 2019, Software Engineer

- As a software engineer intern, I was working at the web back-end engineering department.
- I Improved the existing functions of its HR application and added new functionalities.

Language Skills

- 2021/12 Duolingo English Test: Overall=125 Literacy=130 Comprehension=130 Conversation=105 Production=90
- 2021/5 TOEFL iBT: R=27 L=28 S=19 W=22 Total=96
- 2018/1 EIKEN Grade 1
- 2017/8 IELTS: L=7.5 R=8.0 W=6.0 S=5.5 OA=7.0
- 2017 Russian Language Proficiency Test Grade 3
- 2017 Practical French Proficiency Test Grade 3