



Chie Hayashida

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Last name: Hayashida **Web:** <https://chie8842.github.io/aboutme/>

Profile

Software engineer with extensive knowledge of **DWH architectures**, **ML pipelines** and **infrastructure engineering**. Designed and Developed **many types of systems** which includes both BtoB and BtoC systems in **9+ years** of experience. Combines **technical skills**, **creativity** and **leadership** to empower the business from an engineering point of view. Has excellent **presentation skills** and self motivative enough to learn new technologies, **contribute to OSS** and **write technical articles**.

Work experience

| | | |
|----------------------------------|--|-------------------|
| Google Tokyo | Strategic Cloud Engineer(Data & Analytics) | 12/2019 – present |
| Cookpad.Inc Tokyo | Software Engineer <ul style="list-style-type: none">Leads the development of search and recommendation for Cookpad itself and new businesses in all processes of designing and evaluating KPI, make and managing strategic plans, implementation, in terms of NLP and machine learning.Develops tools to simplify machine learning deployment and maintenance.Builds AutoML function using table data for recipe data normalization.Makes technical presentations at several conferences and write technical articles for recruitment and awareness improvement. | 11/2017 – 11/2020 |
| Ubie.Inc Tokyo | Freelance Engineer <ul style="list-style-type: none">Built ChatOps System for Kubernetes deployment with Golang. | 12/2018 – 01/2019 |
| Retty.Inc Tokyo | Data Engineer <ul style="list-style-type: none">Launched and led the data engineering team and solved problems of current DWH.Built the basis of data utilization environment using Apache Spark, BigQuery, fluentd, kinesis, Airflow and embulk in a short period of time.Led infrastructure configuration management in AWS and GCP environments using Terraform and Ansible. | 03/2017 – 10/2017 |
| NTT Data Corporation Tokyo | Software Engineer <ul style="list-style-type: none">Designed and developed recommender algorithms and data processing for the TV program recommendation system using Hadoop and Spark (global system, 400+ nodes).Conducted PoC of data processing for exhaustion prediction of car parts using sensor data.Designed and implemented data transfer, backup and recovery procedures with a performance-oriented approach, in the BCP project of a huge and demanding mobile fee system.Took charge of everything from network, OS to middleware design for system development in the US of a Japanese company.Performed root cause analysis in response to a technical troubleshooting request for Hadoop and Spark from a customer with a support contract.Did troubleshooting about Oracle Database in several projects.Educated and mentored several engineers. | 04/2010 – 04/2017 |

Education

| | | |
|---|---|-------------------|
| Nara Institute of Science and Technology Nara Japan | MSc Engineering <ul style="list-style-type: none">Master thesis described Linear transformation approaches to many-to-one voice conversion.We made 8+ presentations at domestic conferences and study groups. | 04/2008 – 03/2010 |
|---|---|-------------------|

Education

Osaka University
Osaka
Japan

BSc Engineering

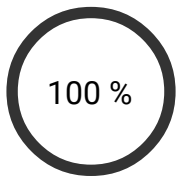
04/2004 – 03/2008

- Learned about programming basics(C and C++), biotechnology, mathematical analysis, linear algebra, statistics, and mechanical engineering.
- Bachelor thesis described Measurement method of receptive field characteristics of primary visual cortex.

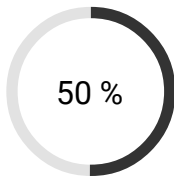
Skills

Hadoop Spark TensorFlow Elasticsearch Kubernetes Solr Distributed Computing
Big Data processing Machine Learning Recommender Systems Information Retrieval NLP
Analytics Operating Systems(Unix, Windows) Python Scala Golang Java C++
Cloud Computing Oracle Database Project Management R&D Leadership Decision making

Languages



Japanese



English

Certificates

| | | |
|--------|---|---------|
| Google | Google Cloud Professional Data Engineer | 12/2020 |
| AWS | AWS Solution Architect Associate | 10/2018 |
| IPA | Database Specialist Japanese IT Security Evaluation and Certification Scheme | 04/2012 |
| IPA | Network Specialist Japanese IT Security Evaluation and Certification Scheme | 10/2012 |
| IPA | Applied Information Technology Engineer Japanese IT Security Evaluation and Certification Scheme | 04/2011 |

Achievements

- Won **1st prize** in micro service tuning contest at AWS **re:Invent2018 GameDay**.
- Won 18th prize (**Top 1%**) in one week challenge at **Kaggle** PetFinder competition.
- A contributor and reviewer of **TensorFlow document translation and ci tools of it**.
- Develop and contributes some OSS includes **TensorFlow, Apache Spark** and so on.
- **A (co-)organizer** of several communities and meetups in Tokyo.
- Performed speeches at PyConJP, PyData London, Docker Meetup and so on.
- Writing technical articles in Gihyo Magazines.



IoT, DIY, 3D
printing



Traveling



Tennis



Piano