Work History

Basic Information

Name: Sou Yoshihara (　)

Service	Account
GitHub	@sousquared
Instagram	@sousquared
Twitter	@sou_squared
Zenn	@sousquared

Skills

Languages

- Japanese
  - Native
- English
  - Conversational
  - TOEIC 875 (Apr 2019)
  - TOEFL 85 (Jun 2017)

Programming Languages

- Python
- JavaScript/TypeScript
- React
- Terraform

Cloud/Infrastructure

- GCP (Google Cloud Platform)
  - Cloud Run
  - Cloud Build
  - GKE (Google Kubernetes Engine)
  - etc.

Development Experience

- PoC and production implementation using machine learning models
- API development (FastAPI)
- Clean Architecture and DDD (Domain-Driven Design) oriented coding

Others

- KaiRA (Kyoto University AI Research Association) Operating Member
  - Organizing reading sessions on artificial intelligence
- JEES SoftBank AI Talent Development Scholarship (2020-2021)

Strengths

- Proactively taking action based on my interests
- Strong presentation and explanation skills
- International network of friends around the world

Interests

- Social applications of AI technology
- Mechanisms of human cognitive abilities (neuroscience, psychology, behavioral economics)
- AI-powered art and entertainment

Work Experience

Aug 2018 - Aug 2020

Organization: Hitachi, Ltd. / Kyoto University Lab
Position: Student Researcher (Part-time)
Responsibilities

- Research and implementation of the latest machine learning papers
- Research and development of algorithms adaptable to modeling geospatial information
- Literature surveys on Graph Convolutional Networks and Relational Graph Convolutional Networks
- Implementation of parts of models devised by researchers
- Algorithm evaluation

Jan 2021

Organization: CyberAgent / Kiwami Prediction AI Division / Prediction Team
Position: ML/DS Intern
Responsibilities: Responsible for updating and accuracy evaluation of video ad score prediction models.

Apr 2022 ~ Mar 2025

Organization: CyberAgent / Kiwami AI Division / New Business Development Team
Position: ML Engineer
Responsibilities

- PoC and production development of new features utilizing AI
- Led an ML team of 4-5 members
- Operating leader of DSOps training program

Apr 2025 ~ Present

Organization: CyberAgent / Kiwami AI Division / Auto Generation Team
Position: ML Engineer
Responsibilities

- Developing ad auto-generation logic in the Kiwami AI Auto Generation team
- Working with 1-2 engineers and 1-2 PMs, focusing on speed in development

Research

- Sou Yoshihara, Taiki Fukiage, Shin'ya Nishida, "Towards acquisition of shape bias: Training convolutional neural networks with blurred images.", VSS, Poster session, 2021.

- Sou Yoshihara, Taiki Fukiage, Shin'ya Nishida, "Does training with blurred images bring convolutional neural networks closer to humans with respect to robust object recognition and internal representations?", Front. Psychol., Vol. 14,2023

- (Japanese) Sou Yoshihara, Taiki Fukiage, Shin'ya Nishida, "Shape Bias
　", VISION, Vol. 33, No.1, 1-5, 2021. Best Presentation Award, Vision Society of Japan 2020 Summer Conference code

Articles

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