Keigo Hattori

https://github.com/keigohtr
https://blog.apitore.com/
https://www.linkedin.com/in/keigohattori/

Senior Software Engineer

10+ years knowledge and experience of machine learning.

- Solid expertise in machine learning and natural language processing.
- Solid knowledge and experience of microservices on Kubernetes.
- Effective communication and presentation skills.
- Self starter. Founder of Apitore; marketplace for algorithms.
- Lead committer of Rekcurd; A flexible managing system for machine learning.

Technical Proficiencies

Environment:	Windows, Linux, Mac OS X
Programming:	Java, Python, C++
Skill:	Machine Learning, Natural Language Processing, Computer Science, Microservices, Kubernetes, Docker, WebAPI, gRPC, Git, Spring Framework, Flask, Django
Language:	Japanese (native), English (business)
Project:	Apitore, Rekcurd

Professional Experience

(Nov 2017 - Present)

LINE Corporation (Tokyo, Japan)

Senior Software Engineer (Jan 2019 -)

- Lead Rekcurd project; a flexible managing system for machine learning models.

Software Engineer (Nov 2017 - Jan 2019)

- Developed NLP engine for Clova brain. Designed and developed logics for a better understanding of user intent.
- Lead Rekcurd project; a flexible managing system for machine learning models.

(Apr 2009 - Nov 2017)

Fuji Xerox Co., Ltd. (Kanagawa, Japan)

New Business Development Leader (Dec 2015 - Oct 2017)

- Launched a VR/AR project as a new business. Did everything; team building, planning, investigating, specification formulating, prototyping, verifying and collaborating.
- Won the CEO awards “The Best Challenge” (2016).
- Collaborated with Kyoto Institute of Technology (2016).

Researcher (Dec 2014 - Dec 2015)

- Developed new image compression algorithms for multifunction printers. Designed an appropriate algorithm that meets the required specifications and hardware limitations.

Machine Learning Engineer (Apr 2009 - Dec 2014)

- Developed new algorithms for social media text analysis. Designed, developed and evaluated algorithms for Out-Of-Vocabulary detection and normalization in SNS text.
- Developed a social text sentiment analyzer.
- Developed a named entity detector for English text.
- Developed new algorithms for medical text analysis. Designed, developed and evaluated algorithms for medical side effect detection using doctor's daily reports. Developed an input completion system for doctors.
- Developed a technical document search system; Technology Data and Delivery Management (TD2M). Developed user-friendly system using Apache Solr.
- And more (confidential). Used many algorithms; Support Vector Machine, Hidden Markov Model, Conditional Random Fields, Latent Dirichlet Allocation and so on.

(Oct 2007 - Nov 2007)

B-Bridge International, Inc. (Cupertino, California)

Intern

- Developed an in-house tools for a book sales system.

Education

(Apr 2007 - Mar 2009)

Tohoku University (Miyagi, Japan)

Master of Science in Computer Science

- Developed a driving assistance system using on-board stereo camera. 3D reconstruction is made by stereo camera and a phase-only correlation algorithm. Pedestrian detection is made by a machine learning; step1. human body parts detection, step2. human detection by evaluating step1 result.
- Won 2008 IEEE Student Award "The Best Paper Prize".

(Apr 2003 - Mar 2007)

Tohoku University (Miyagi, Japan)

Bachelor of Science in Computer Science

Reference

Available upon request.