

Hiroataka Suetake

Personal Information

Date of Birth: June 19th, 1994
Nationality: Japanese
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Education

04.2018 - Current Department of Creative Informatics,
Graduate School of Information Science and Technology
The University of Tokyo, Japan
Advisor: Prof. Takeo Igarashi

04.2013 – 03.2018 Department of Bioscience,
School of Bioscience and Biotechnology
Tokyo Institute of Technology, Japan
Advisor: Prof. Masaaki Kotera

Appointments

04.2019 Game Innovation Laboratory,
Interactive Media & Games Division,
School of Cinematic Arts,
The University of Southern California, USA
Advisor: Prof. Andy Nealen

Work Experience

12.2017 - Current Rhelixa, Inc., Information and Communication Technology Dept.
Senior Engineer

09.2017 - Current ASCADE, Inc., System Solution Div.
Software Engineer

08.2017 - Current RIKEN AIP
Research Assistant

Publications

- [1] **Hirotaka Suetake**, Masaaki Kotera, “KPHMMER: Hidden Markov Model generator for detecting KEGG PATHWAY-specific genes.” (2019). Doi: <https://doi.org/10.1101/636290>
- [2] **Hirotaka Suetake**, Tazro Ohta, “SAPPORO: workflow management system that supports continuous testing of workflows.” *AMED GA4GH GEM Japan Workshop* (2019).
- [3] Masayuki Sato, **Hirotaka Suetake**, Masaaki Kotera, “KCF-Convoy: efficient Python package to convert KEGG Chemical Function and Substructure fingerprints.” (2018). Doi: <https://doi.org/10.1101/452383>
- [4] **Hirotaka Suetake**, Ryo Nakaki, “RyuGoo-Saba: CWL-based platform to enable server-less and reproducible analysis of big data in life science.” *GCC/BOSC* (2018).

Professional Activities

- Pitagola Galaxy Meetup <http://www.pitagora-galaxy.org>
- Workflow Meetup <https://github.com/manabuishii/workflow-meetup/wiki>

Skills

- Programming skills: Python, Go, Javascript, etc.
- Front-end: Django, Bootstrap4, HTML5/CSS3, etc.
- Back-end: Nginx, Apache, Redis, PostgreSQL, etc.
- Cloud computing: AWS, Azure, etc.
- Container technology: Docker, singularity, Kubernetes, etc.

References

Takeo Igarashi (Graduate Research Advisor)

Professor Department of Computer Science

Graduate School of Information Science and Technology

The University of Tokyo

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