Yusuke Izawa

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✉ izawa@prg.is.titech.ac.jp   ⓞ 3tty0n   ⚲ https://3tty0n.github.io

SUMMARY

- Good knowledge of computer science and mathematics
- Excellent knowledge of programming languages like Scala, OCaml, and Python technologies etc.
- Excellent working experience in a web developing role

TECHNICAL SKILLS

- Web Application Development, Functional Programming, Programming Language Implementations
- OCaml, Scala, Java, C/C++, Assembly, Python, Ruby
- Native in Japanese, fluent in English

AWARDS

2nd Place *April 2019*
- ACM Student Research Competition at the International Conference on the Art, Science, and Engineering of Programming
- Graduate category

ACADEMIC EXPERIENCE

EDUCATION

Tokyo Institute of Technology **Tokyo, Japan**
Master of Mathematical and Computing Science, Department of Mathematical and Computing Science (Now attending)   *Present*

Tokyo Institute of Technology **Tokyo, Japan**
Bachelor of Information Science, Department of Mathematical and Computing Science *March 2018*

PUBLICATIONS (Refereed)

Extending a Meta-Tracing Compiler to Mix Method and Tracing Compilation *April 2019*
- Yusuke Izawa, Hidehiko Masuhara, Tomoyuki Aotani,
- MoreVMs' 19 workshop (<Programming> 2019 Companion, Genova, Italy, 2019

BacCaml: The Meta-Hybrid Just-In-Time Compiler (Awarded) *April 2019*
- Yusuke Izawa
- ACM Student Research Competition at <Programming> 2019, Genova, Italy, 2019

PUBLICATIONS (Non-refereed)

A Stack Hybridization for Meta-hybrid Just-in-time Compilation *August 2019*
- Yusuke Izawa, Hidehiko Masuhara, Tomoyuki Aotani, Youyou Cong
- JSSST 2019, Tokyo, Japan, 2019

TALKS

Making Different JIT Compilations Dancing to the Same Tune, Acting in the Meta-level (poster) *March 2020*
- Yusuke Izawa, Hidehiko Masuhara
- PPL 2020, Saga, Japan, 2020

Meta-hybrid JIT Compilation Approtch to Path Divergence Problem (oral session) *December 2018*
- Yusuke Izawa, Hidehiko Masuhara, and Tomoyuki Aotani,
- Kumiki 6.0, Ishikawa, Japan, 2018

Proposal of Meta-hybrid JIT Compiler (poster) *March 2018*
- Yusuke Izawa, Hidehiko Masuhara, and Tomoyuki Aotani
- PPL 2018, Tottori, Japan, 2018

ACTIVITIES

Student Volunteer *April 2019*
- The International Conference on the Art, Science, and Engineering of Programming

JOB EXPERIENCE

Recruit Marketing Partners, Co., LTD **Tokyo, Japan**
Engineer Internship *June 2018 - March 2019*

- Developed an educational web service for Japanese
- Scala, Playframework, gRPC, and libraries for functional programming (mainly scalaz)

FOLIO, Co., LTD   **Tokyo, Japan**
Engineer Internship   *May 2017 - May 2018*
- Developed financial and stock tracing systems in one of the most leading companies in Japan.
- Contributed to Scrooge (a thrift generator) many times to improve.
- Scala, Finatra/Finagle, Scrooge

Cyberagent, Co., LTD   **Tokyo, Japan**
Data Engineer Internship   *April 2017 - May 2017*
- Designed and developed recommendation systems for a social network service built with Apache Spark.

Dwango, Co., LTD   **Tokyo, Japan**
Engineer Internship   *June 2016 - March 2017*
- Developed billing systems and internal management systems used for "Nico Nico Douga".
- Scala, Playframework

Sumally, Co., LTD   **Tokyo, Japan**
Engineer Internship   *January 2016 - June 2017*
- Developed the feeding timeline of the SNS, "Sumally"
- Scala, Playframework