YA MONE ZIN
Graduate Student

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EDUCATION

Master of computer science
Tsukuba University
2023 - Current

Bachelor of computer science
University of computer studies
2015 - 2020

SKILLS

- OCaml/MetaOCaml
- Scala
- Python 3
- Java /Java EE/Android
- HTML/CSS/JS
- Ruby
- PHP
- Git
- DBMS(MySQL)

LANGUAGE

Japan (Conversational)
English (Fluent)
Burmese (Native)

RESEARCH

Analytical approach on runtime code generation in MetaOCaml

Conducting research on a new MetaOCaml extension combining code generation and analysis for type safety. Intended for domain optimization, claiming advantages over current methods.

ABOUT ME

A student with a strong passion for computer science is currently pursuing a master's degree specialized in functional programming and macros at Tsukuba University.

WORK EXPERIENCE

Sep 2019 - Jan 2020
Bizleap Technology | Myanmar, Yangon
Backend Internship
At a human resource management company, served as a backend developer specializing in Spring framework. Additionally, provided support to the customer service team by offering training on software utilization and engaging in discussions to address client requirements. Proficiently utilized Git as the version control system (VCS) and MySQL as the database management system.

PROJECTS

Throughout my tenure at the university, I have successfully executed the following projects.

Casio watch shop
Develop an online system using Java for an Android project that allows users to browse, order, and purchase Casio watches.

Book shop
Utilizing vanilla Java EE, the development of a bookshop application is envisaged, enabling users to peruse book previews, submit reviews, comment, mark favorites, and place book orders.

Yangon train ticket system
Develop a standalone Java desktop application utilizing Java SE integrated with MySQL. This application is intended to enable train ticket agents to browse available seats, trains, schedules, and efficiently manage bookings while facilitating ticket printing.

Kant kaw on her trip
Develop a web application tailored for tourists, highlighting Myanmar's attractions through immersive story-telling guides. This project entails utilizing PHP for backend development, while employing Vanilla JS, HTML, and CSS for frontend design, and MySQL for database management.