

Marisa Kirisame (lolisa@marisa.moe)

RESEARCH INTEREST	Programming Languages and Artificial Intelligence(including ML)
OBJECTIVE	Build real-world Computer Science experience in an industrial internship
EDUCATION	University of Washington, Seattle WA , Sophomore, 2016 - present
INDUSTRY EXPERIENCE	Interned at ThoughtWorks, Beijing, 7/2016 - 9/2016. Created https://github.com/ThoughtWorksInc/DeepDarkFantasy , A Functional Programming Language for Deep Learning, written in Scala.
GIT/GITHUB	https://github.com/MarisaKirisame Consistently pushed code/contribute on GitHub
RUST	Primary reviewer to the Rust Primer book Perform 3 front-to-back reviews and fixed over 100 typos and technical errors
C++	4 years of experience https://github.com/MarisaKirisame/first_order_logic_prover Library for automated theorem proving, with template metaprogramming to ensure transformation correctness https://github.com/MarisaKirisame/reflection Template library for compile-time reflection
Coq	3 years of experience http://tinyurl.com/h9baq4m Synthesis of isomorphisms between data structures using Ltac https://github.com/MarisaKirisame/Coq_code/blob/master/Paradox.v Demonstrated Girard's Pradox in 10 lines of code (with type-in-type)
PROGRAMMING LANGUAGE	Work in UW PLSE (Programming Languages and Software Enginnering) http://uwplse.org Blog about PL/PLT in https://zhuanlan.zhihu.com/marisa
ML/AI	Took course CSE 446 (ML), GPA 3.8 Books Studied: https://github.com/MarisaKirisame/Artificial_Intelligence_A_Modern_Approach https://github.com/MarisaKirisame/PAIP Reinforcement Learning: An Introduction Genetic algorithm in search optimization and machine learning Handbook of practical logic and automated reasoning
HASKELL	Reached 2K, rank #573 on code war, primarily in Haskell