Marisa Kirisame

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Objective	Acquire experience related to CS by working in the industry
Education	University of Washington, Undergrad Freshman, 2015–now, GPA 3.8
git/github	github.com/MarisaKirisame
	consistently push code/contribute on github for 600 days
C++ - 4 years	https://github.com/MarisaKirisame/first_order_logic_prover
	Automated Theorem Proving with ad-hoc dependently typed algebraic data type, pattern matching, subtyping, encoded via template meta programming, to ensure transformation correctness.
	https://github.com/MarisaKirisame/reflection
	Using macro metaprogramming to generate SFINAE and template metaprogramming code that do compile time reflection of member/static variable/function and member variable visitor
Coq - 3 years	https://github.com/MarisaKirisame/Coq_code/blob/86dfe637f60fe2a4173ebfca782de18d0c463643/seven_trees_in_one.v
	synthesis of isomorphism between data structure using Ltac
	https://github.com/MarisaKirisame/Coq_code/blob/master/Paradox.v
	Girard Pradox in 10 lines of code (with type-in-type)
Programming Language	Work in uw plse(programming language and software enginnering) lab
	Blog about PL/PLT in https://zhuanlan.zhihu.com/marisa
Rust	One of the main contributor of Rust Primer, in charge of reviewing, done 3 review and fixed ~100 typo/ technical error
Haskell	Reached 2K, rank #573 on code war, mainly from doing Haskell
AI/ML	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
	GPA 3.8 on CSE 446 (ML)
Language	English/Mandarin/Cantonese