

Marisa Kirisame

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Objective	Acquire experience related to CS by working in 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
Rust	Primary contributor to the Rust Primer book, lead reviewer, perform 3 front to back reviews and fixed over 100 typos and technical errors
C++ - 4 years	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	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 engineering) Blog about PL/PLT in https://zhuanlan.zhihu.com/marisa
Haskell	Reached 2K, rank #573 on code war, mainly from doing Haskell
AI/ML	Took course CSE 446 (ML), GPA 3.8 Book Read: 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
Language	English/Mandarin/Cantonese