Marisa Kirisame (lolisa@marisa.moe)

OBJECTIVE
Acquire experience related to CS by working in industry

EDUCATION
University of Washington, Seattle, freshman, 2016 - present, **GPA 3.8**

GIT/GITHUB
github.com/MarisaKirisame
consistently pushed 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 over100 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

`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)

Blog about PL/PLT in https://zhuanlan.zhihu.com/marisa

ML/AI
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

HASKELL
Reached 2K, rank #573 on code war, mainly from doing Haskell

LANGUAGE
English, Mandarin, Cantonese