

SMART Goal Template

Goal:

Secure a compiler engineering internship or research role at a top tech company (e.g., NVIDIA, Samsung, ByteDance) by the end of this academic year.

S - Specific

Gain hands-on experience in compiler optimization, SSA form, and code generation by working on real-world systems through an internship or research position.

M - Measurable

Success will be measured by:

- Receiving an offer from at least one targeted company
- Completing a technical interview involving compiler or systems topics
- Delivering impactful project work during the internship or research term

A - Attainable

- Finalize and polish my resume tailored for systems/compiler roles
- Contribute to open-source projects (e.g., LLVM, Clang) or complete relevant GitHub projects
- Prepare rigorously for interviews (data structures, C++, OS, compiler design)
- Network with professionals and professors in the field
- Apply to 15+ relevant roles before each deadline

R - Relevant

Absolutely. This goal directly supports my long-term aim of becoming a system software engineer or compiler researcher. With my current coursework, research, and project experience, now is the ideal time to transition into an industry or research role.

T - Time-bound

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Apply by Fall 2025 application cycles, secure interviews by Winter 2025, and begin working by Summer 2026.