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# Software Engineering Intern (Summer 2025)

Mountain View (HQ) • Intern • \$7K – \$11K per month

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We're looking for a software engineering intern to join us on our mission to build AI superpowers for developers.

## About Codeium

Codeium has risen to become a leader in the AI developer tools space in over a year. Featured as the only code assistant tool on the Forbes AI 50 List, we are giving hundreds of thousands of users around the world code autocomplete, in-editor chat assistants, and more. Our IDE extensions span 70+ programming languages and 40+ editors. Our state-of-the-art proprietary language models and custom inference stack allow us to deliver the best experience possible to our users. We've achieved substantial revenue and enterprise traction as proof of the quality and usefulness of our tools.

We're an experienced team that ships relentlessly. We welcome feedback to improve both our product and ourselves. We work hard, and we operate with a high degree of trust, agency, and ownership.

## Challenges

- How do we develop a code generation and editing system capable of solving many everyday developer tasks?
- What's the next big interface after autocomplete and chat for interacting with AI?
- How do we maintain reliability and scalability of our service across a wide range of IDEs, platforms, hardware, and programming languages?

## What we're looking for

- Strong proficiency with at least one of the coding languages.
- Ability to learn and become an expert quickly.
- A team player.
- A self-starter. Hunger to dream up, plan, and execute tasks independently.
- Ability to work across the stack (frontend, backend, IDE extensions, ML, infra, data).
- Previous experience working with AI/ML, distributed systems, HPC, and systems/infrastructure is a plus.
- Familiarity with AI-powered developer tools like Codeium, Copilot, ChatGPT, and others is a strong plus.

## What we believe

- Our best work is done in person. The team goes in 5 days a week into our office in **downtown Mountain View, CA** (within walking distance of the Caltrain station).
- Research is in service of a better product. While we read many papers, we won't have time to write them. The best AI researchers have excellent software engineering skills and know that infrastructure and evaluation work are critical.

## Recent projects

Some of the things that our engineers have worked on recently:

- Regularly deploying an **autocomplete and chat product** that scales to hundreds of thousands of daily active users.
- **Codeium Live**: Chat in your browser with popular repositories.

- An internal Kubernetes-native data processing framework to handle petabytes of data across thousands of spot CPUs.
- A code attribution service for customers who want to ensure any generated code is licensed properly.
- Instruction and edit fine-tuned models for **Codeium Command**.
- Model inference performance optimization using Nvidia CUTLASS, CUDA C++, and PTX assembly language.
- Remote parsing, embedding, and indexing of users' codebases.

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