



# Tabnine AI Autocomplete for Javascript, Python, Typescript, PHP, Go, Jav & more

TabNine  |  5,102,605 installs |      (459) | Free

JavaScript, Python, Java, Typescript & all other languages - AI Code completion plugin. Tabnine makes developers more productive by auto-completing their code.

### Installation

Launch VS Code Quick Open (Ctrl+P), paste the following command, and press enter.

ext install TabNine.tabnine-vscode

Copy

More Info

- Overview
- Version History
- Q & A
- Rating & Review

 Stars

 9.8k

 Rating

4.3/5 (459)

 Youtube

 invalid

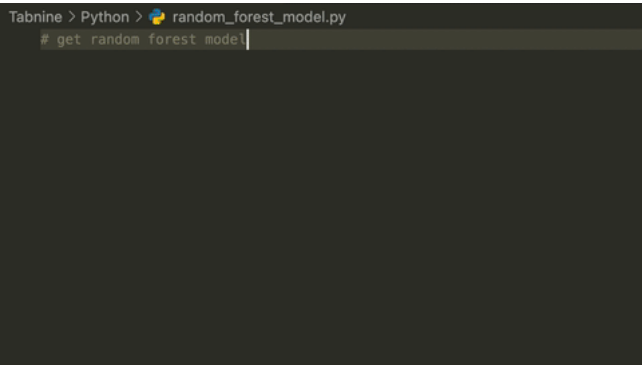
 Follow @Tabnine

 Gitpod

ready-to-code

## AI assistant for software developers

## Code faster with AI code completions



Quick menu:

- What's Tabnine
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- Code privacy
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### What's Tabnine

Tabnine is an AI code assistant that makes you a better developer. Tabnine will increase your development velocity with real-time code completions in all the most popular coding languages and IDEs.

Whether you call it IntelliSense, IntelliCode, autocomplete, AI-assisted code completion, AI-powered code completion, AI copilot, AI code snippets, code suggestion, code prediction, code hinting, or content assist, using Tabnine can massively impact your coding velocity, significantly cutting down your coding time.

### Under the hood / Tabnine technology

Tabnine is powered by multiple language-specialized machine learning models that were pre-trained from the ground up on code. All of Tabnine's AI models are trained on open-source code with permissive licenses. Tabnine's AI completions can be run on a developer's laptop, on a server behind your firewall, or in the cloud.

### Complete code privacy

### Categories

- Programming Languages
- Snippets

### Tags

ai

autocomplete

bash

c

c#

c++

c

csharp

css

go

golang

haskell

html

intellicode

intellisense

java

javascript

java

jupyter

keybindings

kite

kotlin

lua

method completion

node

node.js

nodejs

objective-c

objective-c

ocaml

perl

php

react

ruby

rust

snippets

swift

types


### Works with


Universal


### Resources


- Issues
- Repository
- Homepage
- License
- Download Extension


### Project Details

 codota/tabnine-vscode


 Last Commit: 2 days ago


 12 Pull Requests

 6 Open Issues


 Stars

9.8k

 Follow @Tabnine

 Rating

4.3/5 (459)

 Youtube

invalid

### More Info

Version	3.6.41
Released on	01.10.2018, 11:21:45
Last updated	26.02.2023, 20:40:54
Publisher	TabNine
Unique Identifier	TabNine.tabnine-vscode
Report	<a href="#">Report Abuse</a>



Your code always remains private.

Tabnine NEVER stores or shares any of your code. Any action that shares your code with the Tabnine servers for the purpose of private code models (part of enterprise) requires explicit opt-in. Tabnine does not retain any user code beyond the immediate time frame required for training models. Private code models created by Tabnine Enterprise are only accessible by your team members.

### Trained on open-source code with permissive licenses

Tabnine only uses open-source code with permissive licenses for our Public Code trained AI model (MIT, Apache 2.0, BSD-2-Clause, BSD-3-Clause). Whether you're using Tabnine's Pro plan or our Basic plan, your code, and AI data are NEVER used to train any models other than private code models.

[Learn more](#)


### Tabnine Pro - whole line, full function, and natural language to code completions

You're in control - As you type, Tabnine Pro serves whole-line, full-function, and even natural language to code completions. You can accept your whole line completion or keep typing to get more **real-time alternatives** that keep adapting to your code context.

[Start a Free Tabnine Pro 14-day trial](#)


**Whole line completions** - Tabnine serves whole line completions as you code and you can complete an entire line of code with a single keystroke.

```
1  const userSchema: Schema = new Schema({
2    email: {
3      type: String,
4      required: true,
5      unique: true,
6    },
7    password: {
8      type: String,
9      required: true,
10   },
11 });
12
13 const userModel = model<User & Document>('user', userSchema);
```

 Tabnine Pro

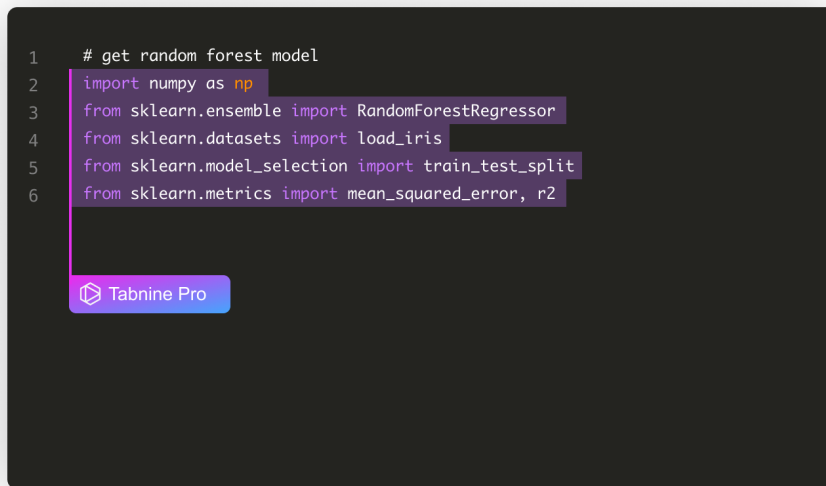
**Full-function completions** - With just a hint, Tabnine generates your entire function without ever having to exit your editor.

```
1  module.exports = function allowAdminAccessMiddleware(req, res, next) {
2    if (req.user && req.user.admin) {
3      return next();
4    } else {
5      return res.status(401).send({
6        success: false,
7        message: 'Unauthorized',
8      });
9    }
10 };
11
```

 Tabnine Pro

**Natural language to code completions** - Describe the script or function you're looking for, and Tabnine will suggest

the right code for you to use.



[Start a free trial](#)

## Tabnine Enterprise

Everything Tabnine Pro & much more - The perfect solution for businesses with custom needs:

**Automate Remote Knowledge Sharing** - Share knowledge effortlessly across countries and time zones. Tabnine learns your code patterns, providing expert guidance to every member of your team at any time of day.

**Improve Code Quality & Consistency** - Tabnine Improves code consistency across your entire project, suggesting completions that align with your best practices for code that's easier to read, manage, and maintain.

**Accelerate Developer Onboarding** - Tabnine's AI assistant helps speed new team members through the onboarding process with instant inline coding guidance minimizing the training burden placed on senior developers.

**Reduce Code Review Iterations** - Your Tabnine AI assistant will help you get the right code the first time. Tabnine provides code guidance that's consistent with your team's best practices, saving costly and frustrating code review iterations.

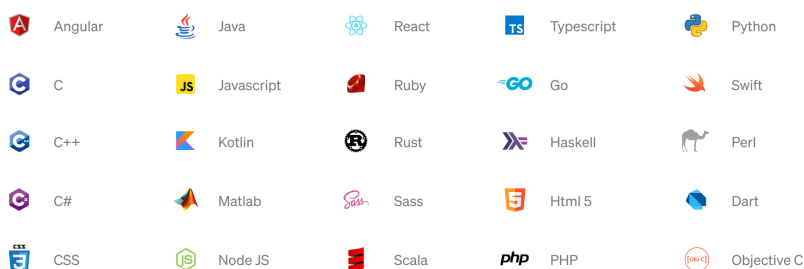
**Self-hosting** - Host Tabnine locally to comply with your business' security requirements.

**Private code repository models** - Tabnine Enterprise offers custom models based on multiple repositories. Connect your GitHub/GitLab/Bitbucket repositories and train your own private AI model to get personalized code completions that match your coding style & patterns.

[Contact us](#) for more information

Supported languages, frameworks, and IDEs

## Tabnine support the most popular languages, libraries & frameworks




FAQ

Something not working the way you hoped? [Tabnine Support](#) is always happy to help. Feel free to contact us anytime at [support@tabnine.com](mailto:support@tabnine.com)

Communities

- [Join the Tabnine Discord server](#)
- [Join the Tabnine community in Slack](#)

Recommended by developers everywhere:








**William Candillon**  
@wcandillon

Working with [@Tabnine\\_](#). It makes inferences that would now be hard to live without.

5:20 PM · Jan 23, 2021 · Twitter Web App

1 Retweet · 1 Quote Tweet · 34 Likes










**Imed Boumalek**  
@ImedBoumalek

I am just amazed by [@Tabnine\\_](#) 's autocomplete. Like wow.

12:59 AM · Mar 29, 2021 · Twitter for iPhone

1 Quote Tweet · 8 Likes










**ramnivas**  
@ramnivas

Have been using [@Tabnine\\_](#) for a couple of weeks now. It is astounding to see it code complete so much.

2:18 AM · Mar 12, 2021 · Twitter Web App


1 Retweet · 1 Quote Tweet · 6 Likes






**(((bob pasker)))**  
@rbpasker


if you're not using [@Tabnine\\_](#) in your IDE, you're typing WAY too much [tabnine.com](#)




Get Tabnine for VS Code




Get Tabnine for IntelliJ




Get Tabnine for Sublime




Get Tabnine for PyCharm




Get Tabnine for WebStorm




Get Tabnine for Android Studio




Get Tabnine for Godot




Get Tabnine for Atom




Get Tabnine for Emacs




Get Tabnine for Vim




Get Tabnine for VS Spheres



Get Tabnine for Rider







Get Tabnine for Jupyter




Get Tabnine for Eclipse

5:56 PM · Mar 23, 2021 · Twitter Web App

1 Quote Tweet · 8 Likes









**Nick Radford (he/him)**  
@nick\_radford


Ok, [@Tabnine\\_](#) reading my mind. Locally running ML models predicting with fairly high accuracy exactly what I wanted my error message to say.

```
if s.Size() == 2 {  
    t.  
} Errorf("should have been 2, got %v", s.
```

4:15 AM · Feb 17, 2021 · Twitter Web App

1 Retweet · 1 Quote Tweet · 3 Likes









**Hugues BR**  
@rompelstilchen

[@Tabnine\\_](#) OMG you're auto completion plugin is insane.. it literally read my mind.. great work!

9:51 PM · Jan 19, 2021 · Twitter Web App

2 Likes








**JohnnyTheCarrot**  
@JohnnyTheCarrot

...

@Tabnine\_ is honestly insane. This plugin knows what I want to code before I do, what.

12:31 PM · Feb 13, 2021 · Twitter Web App

2 Likes





**Donald E Frederick, PhD**  
@neurofoo

...



Replying to @DynamicWebPaige


i use @Tabnine\_ , which is magic

the amount of typing i save is hilarious.

5:26 AM · Feb 15, 2021 · Twitter Web App

4 Likes





**Joshua Kelly**  
@hewhodevs




...


Started using the free version of tabnine and it's VScode extension, really enjoying it.

- less syntax errors
- discovering more snippets
- quicker coding
- I can just focus on what I'm building, and I've more time to focus on the problem solving side.

12:28 AM · Feb 6, 2021 · Twitter for iPhone

1 Retweet 12 Likes






**Derek Braid**  
@Royal\_Arse

...

100% endorse this. Tabnine is an insane productivity tool and also help when writing documentation / essays / todos.

**Robert Lowe** @RobertLowe · Jan 26

#developers tip: Use tabnine to code faster with AI completions. Got the team members to adopt it, we really like it. Cheers

8:13 PM · Jan 26, 2021 · Twitter Web App

3 Likes

