

Programing Language Name	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
assembly	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal
Bash	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal
C	Fluctuating	Fluctuating	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal
C#	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive
C++	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Stagnant	Stagnant	Stagnant	Stagnant
CSS	Terminal	Terminal	Stagnant	Stagnant	Terminal	Terminal	Stagnant	Stagnant	Terminal	Terminal
Go	*	*	*	Terminal	Terminal	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating
HTML	Stagnant	Attractive	Attractive	Attractive	Attractive	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant
Java	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive
JavaScript	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive
PHP	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive
Python	Attractive	Attractive	Fluctuating	Fluctuating	Attractive	Attractive	Fluctuating	Fluctuating	Attractive	Attractive
Ruby	Terminal	Terminal	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Terminal	Terminal	Terminal
SQL	Attractive	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant
Swift	*	*	*	*	*	Terminal	Fluctuating	Fluctuating	Fluctuating	Fluctuating
TypeScript	*	*	*	*	Terminal	Terminal	Terminal	Fluctuating	Fluctuating	Fluctuating

Framework Name	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
.NET Framework	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive
Angular	*	*	*	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating
Cordova	*	Terminal	Attractive	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant
Django	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive
Hadoop	Attractive	Attractive	Fluctuating	Stagnant	Stagnant	Attractive	Stagnant	Stagnant	Stagnant	Stagnant
Node.js	*	Attractive	Attractive	Attractive	Attractive	Attractive	Stagnant	Stagnant	Stagnant	Stagnant
React	*	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Fluctuating	Fluctuating	Fluctuating
Spark	Attractive	Terminal	Terminal	Terminal	Terminal	Terminal	Fluctuating	Fluctuating	Fluctuating	Fluctuating
Spring	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Stagnant	Attractive	Attractive
TensorFlow	*	*	*	*	*	*	*	Fluctuating	Fluctuating	Terminal
Torch	*	*	*	Terminal	Terminal	*	Fluctuating	Terminal	Terminal	Terminal
Xamarin	Attractive	Attractive	Attractive	Fluctuating	Fluctuating	Terminal	Terminal	Terminal	Terminal	Terminal

Environment Name	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Android Studio	*	*	*	*	*	*	Fluctuating	Fluctuating	Attractive	Attractive
Atom Editor	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive
Eclipse	Attractive	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Terminal	Terminal
Emacs	*	*	*	Stagnant	Attractive	Stagnant	Stagnant	Stagnant	Terminal	Stagnant
IntelliJ	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive
Ipython	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Attractive	Attractive	Attractive	Attractive	Attractive	Attractive
Jupyter	*	*	*	*	*	Attractive	Attractive	Attractive	Attractive	Attractive
NetBeans	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Terminal	Fluctuating	Terminal
Notepad ++	*	*	*	*	*	*	Terminal	Stagnant	Stagnant	Stagnant
PhpStorm	*	*	Attractive	Attractive	Attractive	Attractive	Stagnant	Stagnant	Stagnant	Attractive
PyCharm	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating
Rstudio	*	Attractive	Attractive	Attractive	Stagnant	Stagnant	Stagnant	Stagnant	Attractive	Stagnant
RubyMine	Attractive	Fluctuating	Fluctuating	Fluctuating	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal
Sublime Text	Attractive	Attractive	Stagnant	Stagnant	Attractive	Fluctuating	Fluctuating	Fluctuating	Terminal	Terminal
TextMate	*	*	*	*	*	Terminal	Fluctuating	Fluctuating	Attractive	Attractive
Vim	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating
Visual Dstudio	*	*	*	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating	Fluctuating
Visual Studio Code	*	*	Attractive	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant	Stagnant
Xcode	Fluctuating	Attractive	Stagnant	Stagnant	Terminal	Stagnant	Stagnant	Terminal	Terminal	Terminal