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Research Report

Research Report – Software Developer

Software developers are a step above programmers, they are the ones that create the overarching design of an application and tell the programmers what to program. Of course, they themselves program but they are the creative lead of the team. In short, they define what the program will do instead of just making it. Computer system design and related services, which is a fancy way of saying “the stuff that allows your programs to run,” employs a third of Software Developers while actual software publishers only employ eight percent. A common career path to a software developer is to intern at a software developing company in collage, work as a programmer for a time, then get promoted to a software developer. Many only have a bachelor’s degree although the more advanced positions usually require a master’s degree. Software Developers can advance to become computer and information system managers who oversee the entire software developing process. Communication is a key part to these higher-level jobs as they must convert the design in their head of the application into words. Software developers’ average pay is slightly above 100,000 and varies depending slightly depending on the industries they work for. Software developing jobs are projected to grow by an impressive 14% from the current 1.1 million and have very high job security due to the growing demand for software and the industries, mainly healthcare, who are expected to need new software suites for their day to day operations. California, naturally being the home to Silicon Valley, is one of the lead employers of Software Developers and their mean pay is over 130,000 dollars, a 30,000 dollar increase of the national average.