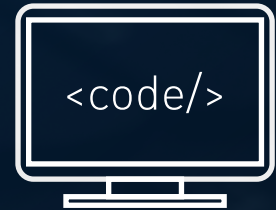/The Builder, The Organizer, The Problem Solver/

1 **What is a Software Developer?**

2 `<p>` Software developers are the creative minds behind computer

3 programs. Some develop the applications that allow people to do

4 specific tasks on a computer or another device. Others develop the

5 underlying systems that run the devices or that control networks.

6

7 **Responsibilities**

8 `<li>` Analyze users' needs and then design, test, and develop software to meet those needs `</li>`

9 `<li>` Recommend software upgrades for customers' existing programs and systems `</li>`

10 `<li>` Ensure that a program continues to function normally through software maintenance and testing `</li>`

11 `<li>` Collaborate with other computer specialists to create optimum software `</li>`

12

13 **Skills**

14 `<li>` Concentration `</li>`

15 `<li>` Creativity `</li>`

16 `<li>` Detail oriented `</li>`

17 `<li>` Fast learner `</li>`

18 `<li>` Customer service skills `</li>`

19 `<li>` Flexibility `</li>`

20 `<li>` Ability to adapt quickly to change `</li>`

21 `<li>` Thorough understanding of HTML, multimedia publishing tools and programming languages `</li>`

22

23 **Education**

24 `<li>` A bachelor's degree, usually in computer science, computer systems engineering,

25 software engineering or mathematics or completion of a college program in computer

26 science is usually required `</li>`

27 `<li>` A master's or doctoral degree in a related discipline may be required for certain careers `</li>`

28 `<li>` Possible to pick these skills up on the job without a formal education and online training `</li>`

29

30 /Designed by Danny Shin/

To learn more about this career, visit

www. **GLADEO** .org