

Drone Software Engineer

Textbook

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Are you interested in the way things fly? Do you enjoy flying or working with drones? Do new and innovative technologies excite you? Maybe you should look into becoming a drone software engineer!



What does a drone software engineer do?

Drone software engineers do a lot of the same programming that a software engineer would do in order to make sure the drone operates as intended. They work on all kinds of drones from private to commercial and work on uses for drones that haven't been invented yet! They work together on teams to identify and strengthen weaknesses in code and design.

What is a typical day like?

Software engineers work on teams to generate computer code. They analyze, plan, collaborate, and implement programs. They work on a variety of projects that involve time spent collaborating and working with teams as well as time spent working alone. They might attend meetings to organize their plans and coordinate their progress. Software engineers can often work remotely and sometimes build their own schedule.

What kind of training or schooling is required?

There are many pathways that people can take to become a software engineer. The most typical and trusted route is to graduate high school and get a college degree in computer science. Others have attended technical schools to learn the skills necessary and became successful software engineers. Others still have taught themselves the skills through online courses and other resources. Showing skills with programming languages and computer science concepts are what is most important.

Job and Salary Outlook

The field of drone programming and piloting is still new and there are still comparatively few jobs in this field. According to the Bureau of Labor Statistics, Software engineer careers are projected to have a growth rate described as "much faster than average" at 21% from 2018 through 2028. The projected number of opportunities that are predicted to become available for a software engineer by 2028 is 284,100.

On average, the software engineer annual salary is \$86,157 per year, which translates to \$41.42 an hour. Generally speaking, software engineers earn anywhere from \$65,000 to \$113,000 a year.

Common Soft Skills

Attention to many factors that could affect the product

Collaboration

Ability to imagine technologies that do not exist yet

Questions (1)

1. Did you read the textbook?

MULTIPLE CHOICE

Choose the correct answer:

- A. Yes
- B. No

Answer Keys & Solutions

Questions

1. Did you read the textbook?

MULTIPLE CHOICE

Correct Answer:

A. Yes

✓ Correct

B. No

✗ Incorrect