Computer Science High School Summer Certificate Live Online

In this live online summer certificate, high school students will master the fundamentals of programming in both Java and Python. Students will get a head start on the AP Computer Science Exam as well as learn the fundamentals of data science and machine learning.

> Group classes in Live Online and onsite training is available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/certificates/computer-science-summer-certificat

hello@nobledesktop.com • (212) 226-4149

Course Outline

This package includes these courses

- Java Programming High School Summer Program Live Online (50 Hours)
- Python Data Science & Machine Learning High School Live Online (45 Hours)

Java Programming High School Summer Program Live Online

- Write and use industry-standard algorithms
- Write your own program in both the object and procedural paradigm
- Read and understand large programs
- Understand how to think like a programmer
- Write your own functions

Python Data Science & Machine Learning High School Live Online

- Programming fundamentals in Python
- How to write conditional statements in Python
- Input data using the Pandas package
- Clean and wrangle data
- Visualize and understand complex data
- Use machine learning algorithms