Computer Science Certificate Live Online (High School & College)

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-certificate

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Course Outline

This package includes these courses
- Java Programming Summer Program Live Online (High School & College) (45 Hours)
- Python Data Science & Machine Learning Live Online (High School & College) (45 Hours)

Java Programming Summer Program Live Online (High School & College)

Learn the fundamentals of Java programming and prepare for AP Computer Science or college-level programming. Beginners will become skilled coders through our project-based curriculum.

- 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 Live Online (High School & College)

Learn the most powerful and versatile programming language this summer. In this live online course, high school students will learn Python for data science and machine learning.

- 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