COURSE SYLLABUS

Computer Science Summer Program NYC (High School & College)

In this intensive bootcamp, you'll learn to program using Java and Python, two of the most popular and universally applicable languages used by software developers today. This course will give any student a head start in university-level coding courses.

Group classes (NYC) and onsite training are available for this course.
For more information, email corporate@nobledesktop.com or visit:
https://www.nobledesktop.com/certificates/computer-science-summer-camp



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Course Outline

This package includes these courses

- Java Summer Program NYC (High School & College) (50 Hours)
- Python Data Science & Machine Learning Program NYC (High School & College) (45 Hours)

Java Summer Program NYC (High School & College)

This course will prepare you to excel as a programmer throughout college and beyond! Beginners will become advanced coders through our fast-moving curriculum and project-based approach to learning.

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

Python Data Science & Machine Learning Program NYC (High School & College)

Learn programming fundamentals & data science in Python in a 2-week computer summer camp. Gain an in-depth understanding of Python, data science, including inputting, graphing, and analyzing data.

- 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