

A Summer Training Experience in C, C++, and Python

Embark on a journey of programming mastery this summer, with an intensive training program in C, C++, and Python. This presentation explores the key takeaways and experiences gained during the program.

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Introduction: Motivation and Goals

Sharpening Skills

Deepen understanding of programming fundamentals

Practical Applications

Learn how these languages solve real-world problems

Career Advancement

Build a strong foundation for future programming endeavors

Basics of C Programming Language



Syntax and Structure

Understanding the foundation of C programming



Control Flow

Writing code that makes decisions and repeats tasks



Data Types and Variables

Working with numbers, text, and more

Advanced Concepts in C++

1

Object-Oriented Programming

Building modular and reusable code

2

Templates and Generics

Creating flexible and adaptable code

3

Exception Handling

Writing robust code that can handle errors

Fundamentals of Python



Simplicity

Easy-to-read and write code



Extensive Libraries

Pre-built tools for various tasks



Data Science

Powerful for analysis and visualization



Real-world Applications

1000+

Software Development

Building web apps, games, and more

500+

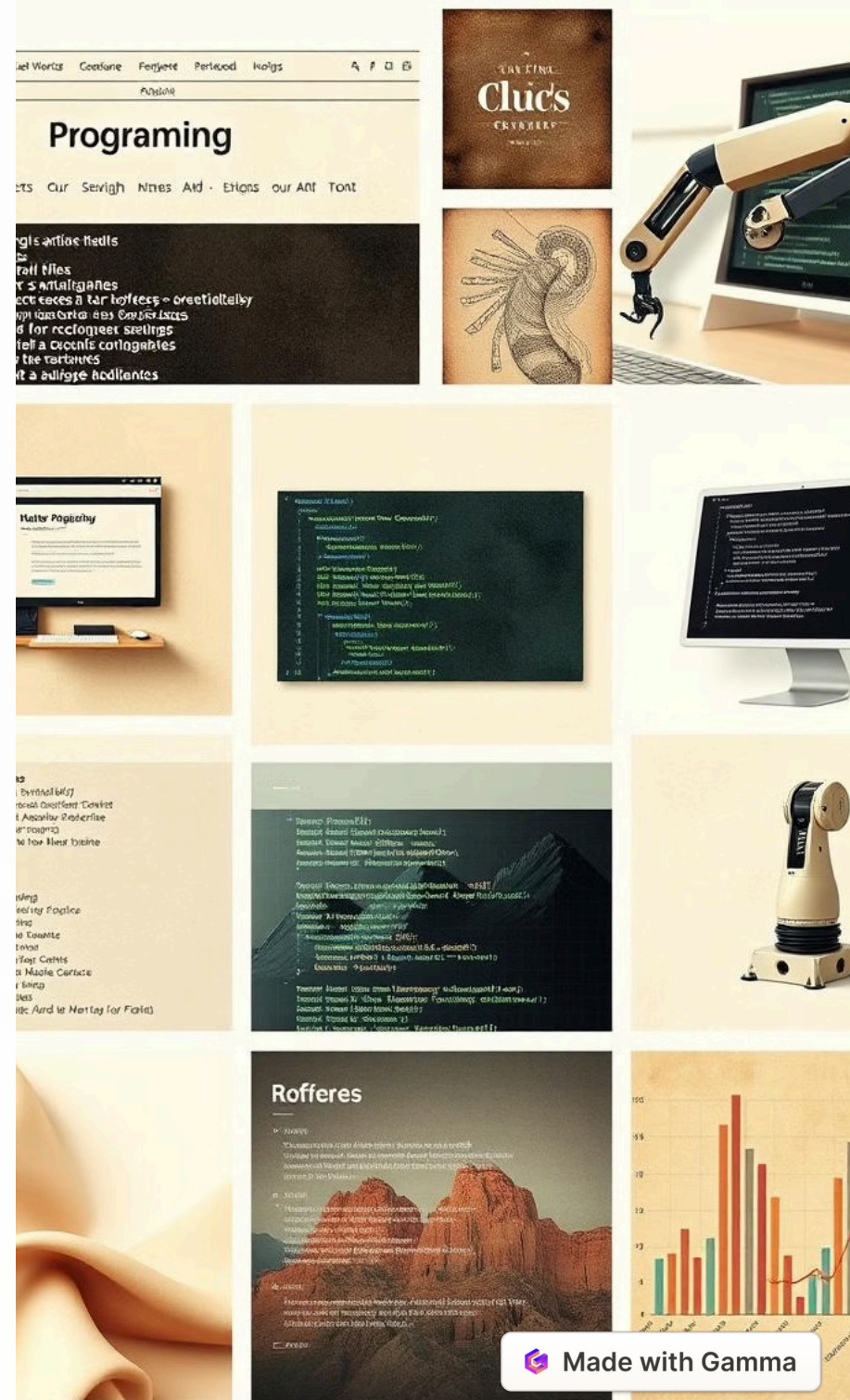
Data Analysis

Extracting insights from large datasets

100+

Artificial Intelligence

Creating intelligent machines and systems





3

Debugging

Finding and fixing errors in code

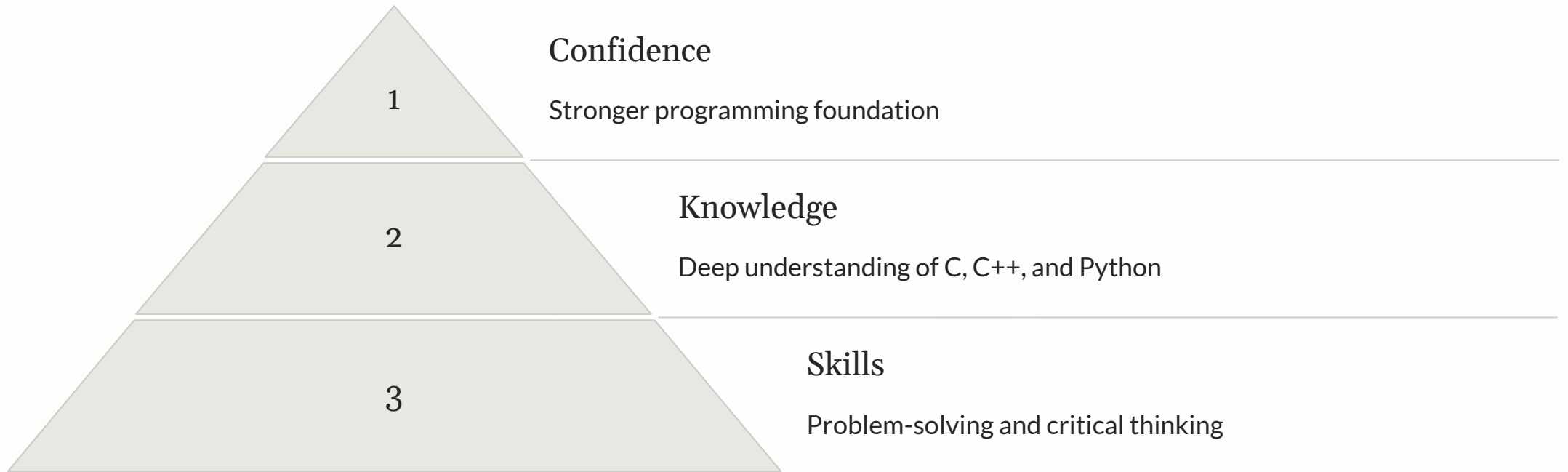
Time Management

Balancing learning with other commitments

Problem-Solving

Developing logical and creative solutions

Conclusion and Future Aspirations





Thank You!

This summer training experience has equipped me with the knowledge and skills to confidently pursue my programming journey. I am excited to continue learning and contributing to the world of technology.