



# CERTIFICATE

of proficiency in  
C++ programming language

Scope:

- Basic data types and flow control
- Functions and function overloading
- Data aggregates
- Fundamentals of the object-oriented approach
- Class hierarchy and inheritance
- Self-defined operators and exceptions

**Anja Vogel**

is a Certified Associate Programmer - CPA  
of the C++ Programming Language

A handwritten signature in blue ink that reads "Boguslawski".

Christopher Boguslawski  
President, C++ Institute

This certificate can be verified at:  
[certificate.cppinstitute.org](http://certificate.cppinstitute.org)  
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