

Bjarne Stroustrup

Born on December 30, 1950, in Aarhus, Denmark, Bjarne Stroustrup is a computer scientist who is best known for creating the widely used programming language: C++. As a student, Stroustrup studied computer science, obtaining both a master's and a PhD on the subject. He had many research interests spanning from design, programming techniques, software development, and programming languages. As such, Stroustrup's career focused on that field as he started off working in the Computer Science Research Center of Bell Labs at the age of 29.

In Bell Labs, Stroustrup started working on C++. There he wrote its definitions, designed it, and was the first to implement the programming language. Afterwards, Stroustrup published a textbook, *The C++ Programming Language*, while also making the compiler and libraries for C++ available to the public. Eventually, Bell Labs split up, leading Stroustrup to be a part of AT&T Labs in the process.

During his career, Stroustrup wrote a number of texts concerning C++. Some of the C++ texts he was responsible for writing include: *A Tour of C++*, *The Design and Evolution of C++*, and *Programming -- Principles and Practice using C++*, alongside hundreds of academic papers. Additionally, Stroustrup received a number of awards and honors for his works and studies. Some of the awards he has received throughout his career include: the Computer Pioneer Award from IEEE Computer Society, the Faraday Medal from IET, the William Procter Prize for Scientific Achievement from Sigma Xi, the ACM Grace Murray Hopper award, and the Charles Stark Draper Prize from The US National Academy of Engineering. Many of these awards have been awarded to him as a result of his creation, designing, and implementation of the C++ programming language. Furthermore, Stroustrup holds fellowships in many institutions including the National Academy of Engineering, ACM, IEEE, Computer History Museum, and Churchill College. He was even the College of Engineering Chair in Computer Science Professor at Texas A&M for a few years, garnering honors there as well.

As the creator of C++, Stroustrup hopes to make C++ a stable base for software development, and continues to stick with its ISO standards effort to achieve that. He is currently a Technical Fellow and Managing Director in Morgan Stanley and a visiting professor in Computer Science at Columbia University. He now lives in New York City with the rest of his family and just recently became a technology advisor to Metaspex.