

Bjarne Stroustrup

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Bjarne Stroustrup (Danish: [ˈbjɑːnə ˈsd̥ʁʌwˀsd̥ʁɔb]; ^[2]^[3] born 30 December 1950) is a Danish computer scientist, most notable for the creation and development of the widely used C++ programming language.^[4] He is a visiting professor at Columbia University, and works at Morgan Stanley as a Managing Director in New York.^[5]^[6]^[7]

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Education

Stroustrup has a master's degree in mathematics and computer science (1975) from Aarhus University, Denmark, and a PhD. in computer science (1979) from the University of Cambridge, England.^[8] His thesis advisor at Cambridge was Professor David Wheeler.^[9]^[10]

Career

Stroustrup began developing C++ in 1979 (then called "C with Classes"), and, in his own words, "invented C++, wrote its early definitions, and produced its first implementation... chose and formulated the design criteria for C++, designed all its major facilities, and was responsible for the processing of extension proposals in the C++ standards committee."^[11] Stroustrup also wrote a textbook for the language, *The C++ Programming Language*.

Bjarne Stroustrup



Stroustrup in 2010

Born	December 30, 1950 <div>Aarhus, Denmark</div>
Residence	New York City, New York, U.S. ^[1]
Nationality	Danish
Alma mater	Aarhus University (MSc) <div>University of Cambridge (PhD)</div>
Known for	Creating C++
Awards	Grace Murray Hopper Award (1993) <div>ACM Fellow (1994),<div>IEEE Fellow (1994)<div>NAE Member(2004)<div>IEEE Computer Entrepreneur Award (2004)<div>[[2] (https://en.m.wikipedia.org/wiki/William_Procter_Prize_for_Scientific_Achievement)</div> (2005)<div>Dr. Dobb's Excellence Award (2008)<div>Dahl-Nygaard Prize</div></div></div></div></div><div>Fellow, Computer History Museum (2015)</div></div>
Website	www.stroustrup.com (http://www.stroustrup.com)
Scientific career	
Institutions	Aarhus University <div>University of Cambridge</div> <div>Texas A&M University</div> <div>Bell Labs</div> <div>Morgan Stanley</div>

Stroustrup was the head of AT&T Bell Labs' Large-scale Programming

Columbia University

Research department, from its creation until late 2002. Stroustrup was elected member of the National Academy of Engineering in 2004. He is a Fellow of the ACM (1994) and an IEEE Fellow. From 2002 to 2014, Stroustrup was the College of Engineering Chair in Computer Science Professor at Texas A&M University.^{[12][13]} As of January 2014, Stroustrup is a Managing Director in the technology division of Morgan Stanley in New York City and a Visiting Professor in Computer Science at Columbia University.^[14] ITMO University noble doctor since 2013.^[15]

In 2015, he was made a Fellow of the Computer History Museum for his invention of the C++ programming language.^[16]

Publications

Stroustrup has written or co-written a number of publications^{[17][18]} including the following books.

- Stroustrup, Bjarne (2013). *A Tour of C++*. Addison-Wesley Professional. ISBN 978-0321958310.
- Stroustrup, Bjarne (2008-12-29). *Programming: Principles and Practice Using C++* (1st ed.). Addison-Wesley Professional. ISBN 0-321-54372-6.
- Stroustrup, Bjarne (2013-05-23). *The C++ Programming Language* (4th ed.). Addison-Wesley Publishing Company. ISBN 0-321-563840.
- Stroustrup, Bjarne (1994-03-29). *Design and Evolution of C++* (1st ed.). Addison-Wesley Publishing Company. ISBN 0-201-54330-3.
- Ellis, Margaret A.; Stroustrup, Bjarne (1990-01-01). *The Annotated C++ Reference Manual*. Addison-Wesley Publishing Company. ISBN 0-201-51459-1.

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3. Stroustrup, Bjarne. "Bjarne pronounces his own name" (<http://www.stroustrup.com/pronunciation.wav>). *Bjarne Stroustrup's Homepage*. Retrieved 18 November 2014.
4. Wong, William (29 October 2013). "Interview: Bjarne Stroustrup Discusses C++" (<http://electronicdesign.com/dev-tools/interview-bjarne-stroustrup-discusses-c>). *Electronic Design*. Retrieved 29 January 2014.
5. "Bjarne Stroustrup's Homepage" (<http://www.research.att.com/~bs/homepage.html>). *Research.att.com*. Retrieved 2016-06-09.
6. Stroustrup, B. (2010). "Viewpoint: What should we teach new software developers? Why?". *Communications of the ACM*. **53**: 40. doi:10.1145/1629175.1629192 (<https://doi.org/10.1145%2F1629175.1629192>).
7. Stroustrup, B. (1998). "The Real Stroustrup Interview" (http://www.stroustrup.com/ieee_interview.pdf) (PDF). *Computer*. **31** (6): 110–119. doi:10.1109/MC.1998.683014 (<https://doi.org/10.1109%2FMC.1998.683014>).
8. Wong, William (26 November 2013). "Bjarne Stroustrup: C++ Creator Keeps Developing" (<http://electronicdesign.com/dev-tools/bjarne-stroustrup-c-creator-keeps-developing>). *Electronic Design*. Retrieved 29 January 2014.
9. Stroustrup, Bjarne (1979). *Communication and control in distributed computer systems* (<http://ulmss-newton.lib.cam.ac.uk/vwebv/holdingsInfo?bibId=14260>) (PhD thesis). University of Cambridge.

10. "David Wheeler" (<http://genealogy.math.ndsu.nodak.edu/id.php?id=16946>). *The Mathematics Genealogy Project*. Department of Mathematics, North Dakota State University. Retrieved 29 January 2014.
11. *The C++ Programming Language*, B. Stroustrup, p.10
12. "Archived copy" (<https://web.archive.org/web/20070701083013/http://www.research.att.com/~bs/bio.html>). Archived from the original (<http://www.research.att.com/~bs/bio.html>) on 1 July 2007. Retrieved 27 June 2007.
13. Communications, Texas A&M Engineering (8 September 2015). "Faculty - People - Computer Science & Engineering - College of Engineering" (<http://www.cse.tamu.edu/people/faculty>). *Cse.tamu.edu*. Retrieved 2016-06-09.
14. "Department of Computer Science, Columbia University - Faculty" (<http://www.cs.columbia.edu/people/faculty>). *Cs.columbia.edu*. Retrieved 2016-06-09.
15. [1] (<http://is.ifmo.ru/doctors/stroustrup.pdf>)
16. CHM. "Bjarne Stroustrup— CHM Fellow Award Winner" (<https://web.archive.org/web/20150403134846/http://www.computerhistory.org/fellowawards/hall/bios/Bjarne%2CStroustrup/>). Archived from the original (<http://www.computerhistory.org/fellowawards/hall/bios/Bjarne,Stroustrup/>) on 3 April 2015. Retrieved 30 March 2015.
17. Bjarne Stroustrup (<http://dblp.org/pid/s/BjarneStroustrup>) at DBLP Bibliography Server
18. List of publications (https://web.archive.org/web/*/academic.research.microsoft.com/Author/901644) from Microsoft Academic Search

External links

- Meet Bjarne Stroustrup (Video) (https://web.archive.org/web/20061019004300/http://www.att.com/atllabs/other/stroustrup_sm.mov)
- List of interviews with Bjarne Stroustrup (<http://www.stroustrup.com/interviews.html>)
- A hoax interview transcript with IEEE's *Computer* magazine. (http://harmful.cat-v.org/software/c++/I_did_it_for_you_all)
- Computerworld Interview with Bjarne Stroustrup (<https://web.archive.org/web/20090203165946/http://www.computerworld.com.au/index.php/id%3B408408016%3Bfp%3B4194304%3Bfpid%3B1>)
- Bjarne Stroustrup's FAQ, Class (http://www.stroustrup.com/bs_faq.html#class)

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