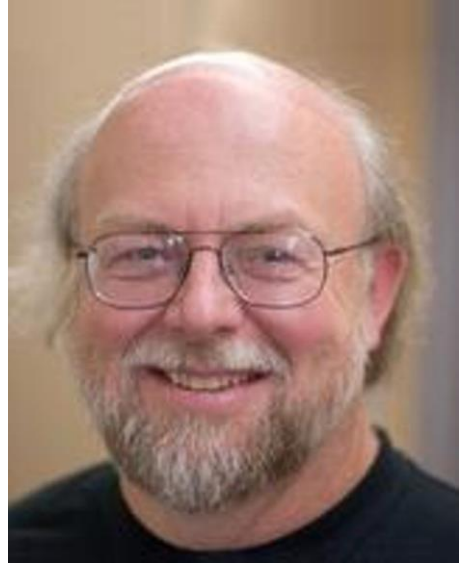


James Gosling

Early Life:

James Arthur Gosling is a Canadian computer scientist who best known as the founder and lead designer behind the Java programming language. He was born on the 19th of May 1955 in Alberta, Canada, Gosling always had a keen interest in computer science. At the age of 14, Gosling cut class almost daily to pick the sneak into the computer-science lab of the University of Calgary just to play with the technology. A friend had taken him on a tour of the lab, this is where he seen a prototype for one of the earliest forms of personal computer (a PDP8). From sneaking into the labs, he taught himself how to code on the PDP8. His early love for coding got him a job, when he was a teenager he was hired as a hacker by Dr. Anger as part of a project with the Canadian ISIS-2 satellite to produce global images of patterns of northern lights.



Education:

He completed his BS in computer science from the University of Calgary in 1977. He then went to Carnegie Mellon University where he received his M.A. and PhD both in Computer Science. While at CMU he worked on many projects such as Gosmacs (his own version of Emacs) and a multi-processor version of Unix for a 16-way computer system. His PhD thesis was on The Algebraic Manipulation of Constraints.

Career:

He finished his studies in 1983 and went straight into a job with IBM but he did not last long there as in 1984 he got a job at Sun Microsystems where he stayed until 2010 when Sun was bought up by Oracle. In June 1991 Gosling, Mike Sheridan, Patrick

Naughton, and Ed Frank started The Green Project which was initiated to create a new programming language for Sun beyond C++. The new language needed to run on a variety of platforms such as computers, televisions, home appliances, telephones, set-top boxes, and other embedded systems. From this project Java was born.

Six months after leaving Sun he followed his colleague Bill Vass and joined a start-up called Liquid Robotics. In late 2016, Liquid Robotics was acquired by Boeing and following the acquisition, Gosling left Liquid Robotics to work at Amazon Web Services as Distinguished Engineer in May 2017 where he still works today. He is also an advisor at the Scala company Lightbend, Independent Director at Jelastic, and Strategic Advisor for Eucalyptus, and is a board member of DIRT Environmental Solutions.

Java:

For creating Java, Gosling was elected to the United States National Academy of Engineering. According to the Tiobe Index Java is the most popular and widely used coding language in the world, it is run on over three billion different devices and is integrated into our everyday lives.



My Opinion:

I chose James Gosling as the software engineer I wanted to write about as Java was the very first language I ever learnt, while being introduced to Java I was fascinated by its capabilities and it's seemingly effortless integration with almost all technology that we use in our everyday lives. This project not only allowed me to learn more about Java itself it finally gave me an idea of its origins and most importantly it's creator, James Gosling has lived an amazing life as a software engineer and has drastically changed the way we use and view software engineering today.