Self studied a lot of CS. I read characters from several CS textbooks. One of the most useful books I read was Grokking algorithms. There I learned about big O notation among other things.

I took an online **Java** class over the summer. We learned to print shapes in ASCII. All of my classmates were 4+ years younger than me.

**2017** 2018 2019 2020 **2021** 2022 **2023** 2024 **2025** 

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One of the most useful

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I taught my classmates **scratch** in a biweekly elective class.

Also, I started learning a programing language (JavaScript?) on <a href="mailto:codecademy.com">codecademy.com</a>.

Grokking algorithms. That's the book I learned about big O notation from.

I led a lesson on implementing code to calculate Riemann sums and other integral approximation algorithms. My programming language of choice was

JavaScript.