

# The Chomsky Hierarchy

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Noam Chomsky is a renowned linguist whose ideas were recognized and applied by computer scientists to lay foundations of our discipline. I admire him for his support of justice.

- Read about Noam Chomsky on Wikipedia and summarize his salient contributions to our computing discipline.
- Outline the Chomsky Hierarchy giving what we now call
  - Regular Languages
  - Context-Free Languages
  - Context-Sensitive Languages
  - Unrestricted Languages
- Read about Grammars Wikipedia. Report on what you find interesting.

## 1 Chomsky

## 2 Chomsky Hierarchy

## 3 Grammars

Grammar can be used to describe behavior of groups of speakers, the use of grammar demonstrates not only the knowledge of an individual but also the characteristics of speech of an entire group.