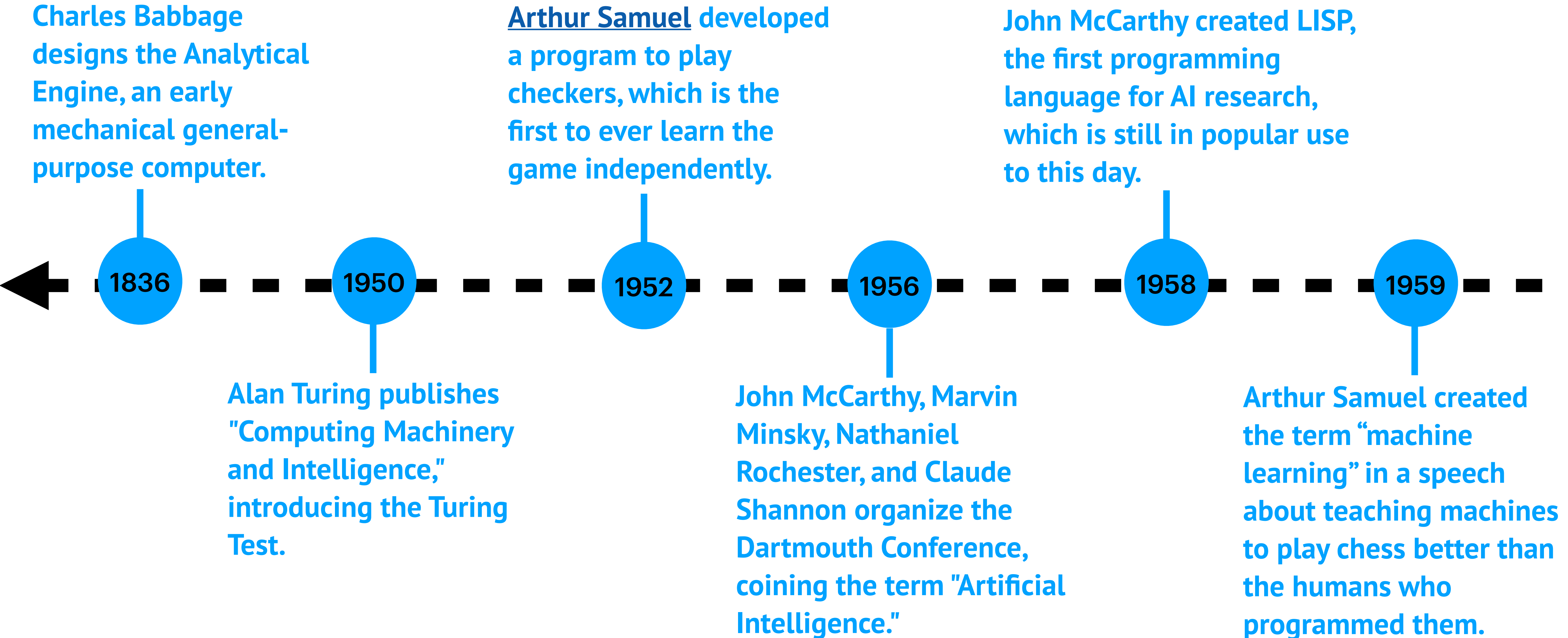


# AI Development Timeline



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Edward Feigenbaum and Joshua Lederberg created the first “expert system” to replicate the decision-making abilities of human experts.

1965

Joseph Weizenbaum created the first “chatbot” (later shortened to chatbot), ELIZA, a mock psychotherapist, that used natural language processing (NLP) to converse with humans.

1965

The first AI winter begins as funding and interest decline due to unmet expectations.

1972

Marvin Minsky and Seymour Papert publish Perceptrons, highlighting limitations in neural networks.

1974

The resurgence of AI interest due to expert systems like MYCIN (medical diagnosis) and DENDRAL (chemical analysis).

1980

David Rumelhart, Geoffrey Hinton, and Ronald Williams publish the backpropagation algorithm, revitalizing neural networks.

1986

IBM's Deep Blue defeats world chess champion Garry Kasparov.

1997