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James Gillogly ^[4]

James John (Jim) Gillogly, an American computer scientist and [cryptographer](#) from [RAND Corporation](#). He graduated from [Carnegie Mellon University](#) in 1978, receiving a Ph.D. in computer science. His thesis *Performance Analysis of the Technology Program* was advised by [Allen Newell](#) ^[1].

James Gillogly was the primary author of the [The Technology Chess Program](#), which was the predecessor of all modern chess programs, using a [Shannon Type A Strategy](#). In 1970, Tech was written in [BLISS](#), a system programming language developed at Carnegie Mellon, and in 1977 ported to [C](#). Gillogly further authored the [Fortran](#) chess player dubbed [MAX](#) ^[2], and along with [Samuel Fuller](#) and [John Gaschnig](#), analyzed the [alpha-beta](#) algorithm ^[3].

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- [James Gillogly \(1971\)](#). [The Technology Chess Program](#). [Carnegie Mellon University](#), CS-71-109, [pdf](#)
- [James Gillogly \(1972\)](#). [The Technology Chess Program](#). [Artificial Intelligence](#), Vol. 3, pp. 145-163, reprinted (1988) in [Computer Chess Compendium](#)
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Forum Posts

- [Computer Chess Hall of Fame - Revised Edition](#), [rgcc](#), post 10 and 23 by Jim Gillogly, April 14, 1997

External Links

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References

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