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[Zeus](#) at the [Getty Villa](#) <sup>[1]</sup>

### **Zeus,**

a chess program written by [Gerardo Castaño Recio](#). Zeus played various [Spanish Computer Chess Championships](#) and won the [2nd Spanish Open Computer Chess Championship 1994](#) in [Valencia](#). Zeus further participated at the [WCCC 1995](#) in [Shatin, Hong Kong](#), the [WMCCC 1995](#) in [Paderborn](#) and the [WMCCC 1996](#) in [Jakarta](#).

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## **Description**

given from the [ICGA](#) tournament site <sup>[2]</sup> :

Gerardo Castano works as a medical doctor and writes computer chess programs as a hobby. Zeus 1.0 was written in [Basic](#) and finished fifth out of seven in the [First Spanish Computer Chess Championship](#) in 1993. The program was rewritten in [C](#) in 1994 and uses the standard techniques of [alpha-beta search](#), [selective extensions](#), [minimal PVS](#), [transposition tables](#), [killer heuristic](#), [history heuristic](#), [null-move pruning](#) and [quiescence search](#). [Capturing moves](#), [checks](#), [promotions](#),

[mate threats](#) are all considered in the search. Zeus 2.0 used 256KB hash tables and searched 3000 [nodes per second](#). It won the [Second Spanish Computer Chess Championship](#) in 1994 with a perfect score of 7/7. Zeus 3.0 uses massive hash tables (32MB), and contains extensive [chess knowledge](#) ([pawn structure](#), strong squares, [bad bishop](#) etc). The [opening book](#) contains about 300,000 positions and recognizes move and color [transpositions](#). The [endgame database](#) is being developed and the [evaluation function](#), although large, has thus far produced good results...

## See also

- [Mythology](#)
- [Toledo 2000](#)

## Namesake

- [Zeus](#) by [Vadim Bykov](#)

## External Links

## Chess Engine

- [Zeus' ICGA Tournaments](#)

## Misc

- [Zeus \(disambiguation\) from Wikipedia](#)
- [Zeus from Wikipedia](#)

## References

1. <sup>^</sup> Zeus, at the Getty Villa, A.D. 1 - 100 by unknown, [Zeus from Wikipedia](#)
2. <sup>^</sup> [Zeus' ICGA Tournaments](#)

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