Non-Caucasian computer scientist: Feng Hsiung Hsu

Feng Hsiung Hsu is a Taiwanese, born in 1959, that graduated in the National Taiwan University then pursued grad school in Carnegie Mellon University in 1985. In his sophomore year he took a microprocessor project which led him to his PhD in computer science. The journey started in Carnegie Mellon as ChipTest then he created Deep Thought and finally Deep Blue in IBM. In his studies he was a candidate for the Mephisto Award, and the 1991 ACM Grace Murray Hopper Award which was awarded only to those that made a significant contribution before the age of 35 by the Association for computing; Feng Hsiung Hsu was awarded for his chess machine's architecture and algorithms. Deep Blue for him was not just a creation of microchips but a portal to understand how great man can be. "It is how man can open man himself," Hsu said. "And that's how we all become more successful."

Deep Blue's rise changed the way humanity's perspective of a computer, in 1997 it was able to beat the world's best chess player, Garry Kasparov, which indicated the achievements of artificial intelligence. Hsu made use of the Large-Scale Parallelization of Alpha-Beta Search which was a method of brute force at that time that Hsu denied as a brute force. The achievement of search algorithms and architecture gave rise to many other A.I.s including Deep blue 2, and AlphaGo Zero which are all self-taught. Hsu's accomplishment showed the ability of a human to conquer any obstacles, which then pushed forward into many other achievements in the same field.

REFERENCE

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