

Jawad Haj-Yihia Professional Profile



Jawad Haj-Yihia is a computer science engineer with a PhD in Computer Science. He was awarded the Intel Achievement Award (IAA), which is the highest award at Intel, for the power and performance improvements to Haswell processor. He was a student for power management verification for his first year at Intel in Israel. He then became a power management verification engineer for five years. The last seven years he has been an architect—4 years as a power management architect and then, two years as an SoC architect. 13 years total at Intel. First 6 in verification and the other 7 years in architecture.

He has worked on processors for mobile applications and did formal verification for a microcontroller that is inside the CPU which is controlling the power management. From there, he moved to architecture and worked from the architecture side designing many features, algorithms to power, energy, and increasing the performance under the power management constraints like thermal constraints, power delivery constraints, and battery life constraints. Recently he moved to Nanyang Technological University in Singapore and is working there as a Research Scientist.