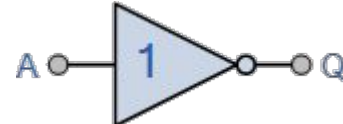
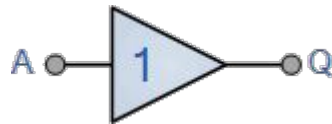
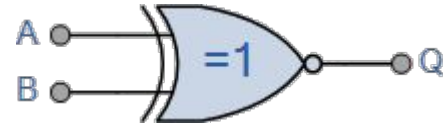
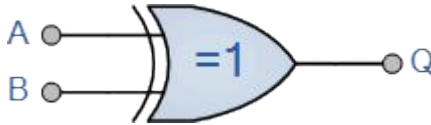
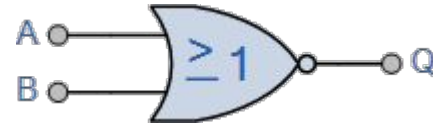
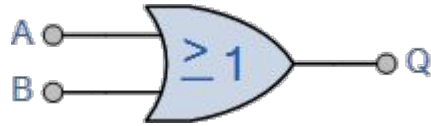
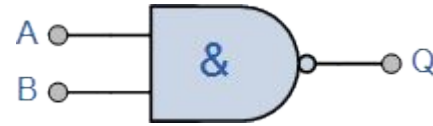
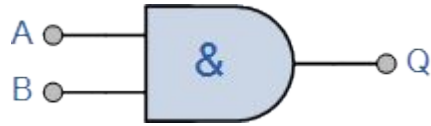


Assembly Crash Course

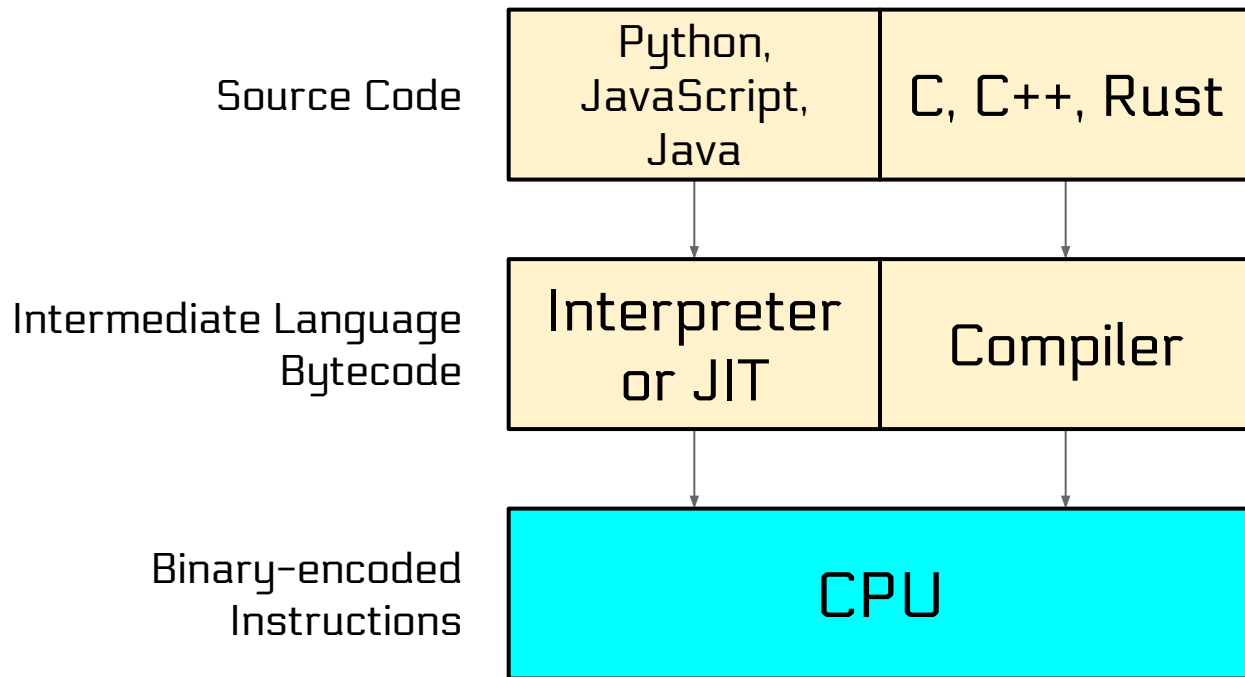
Computer Architecture

Yan Shoshitaishvili
Arizona State University

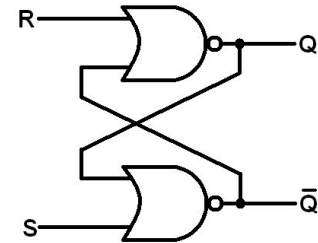
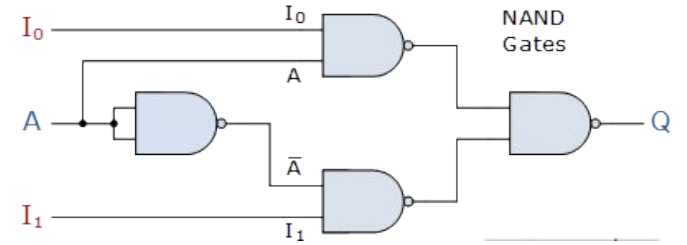
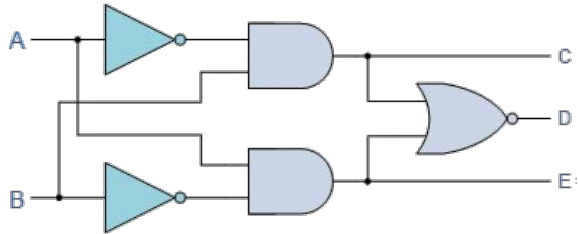
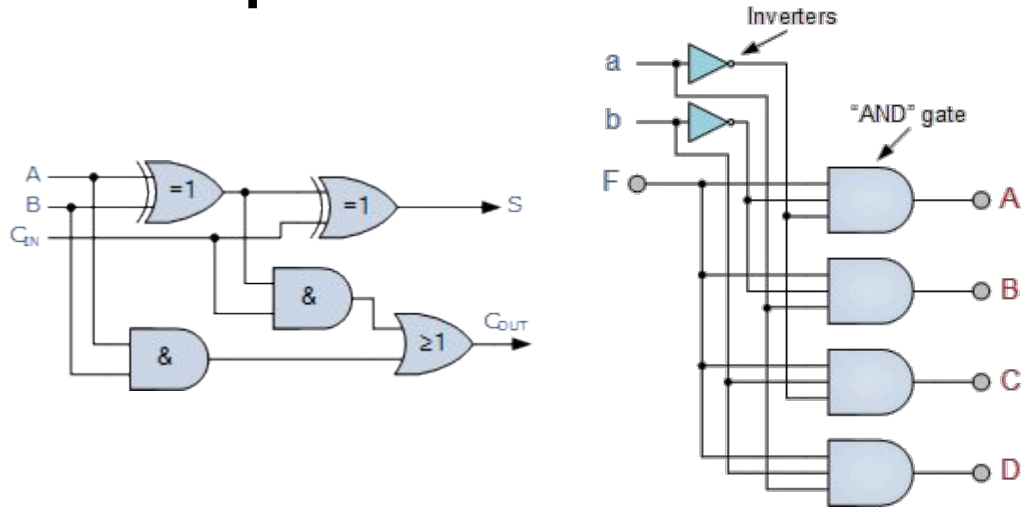
Digging Deeper



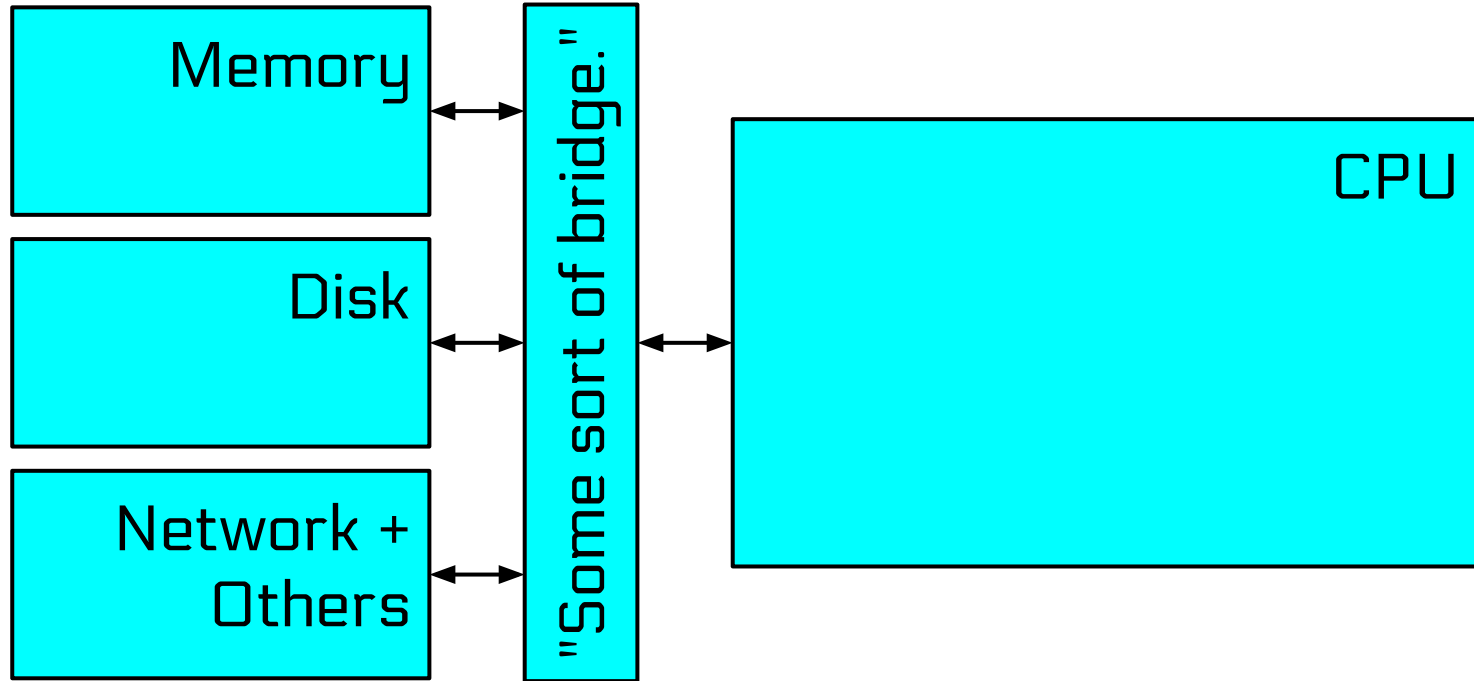
All roads lead to the CPU



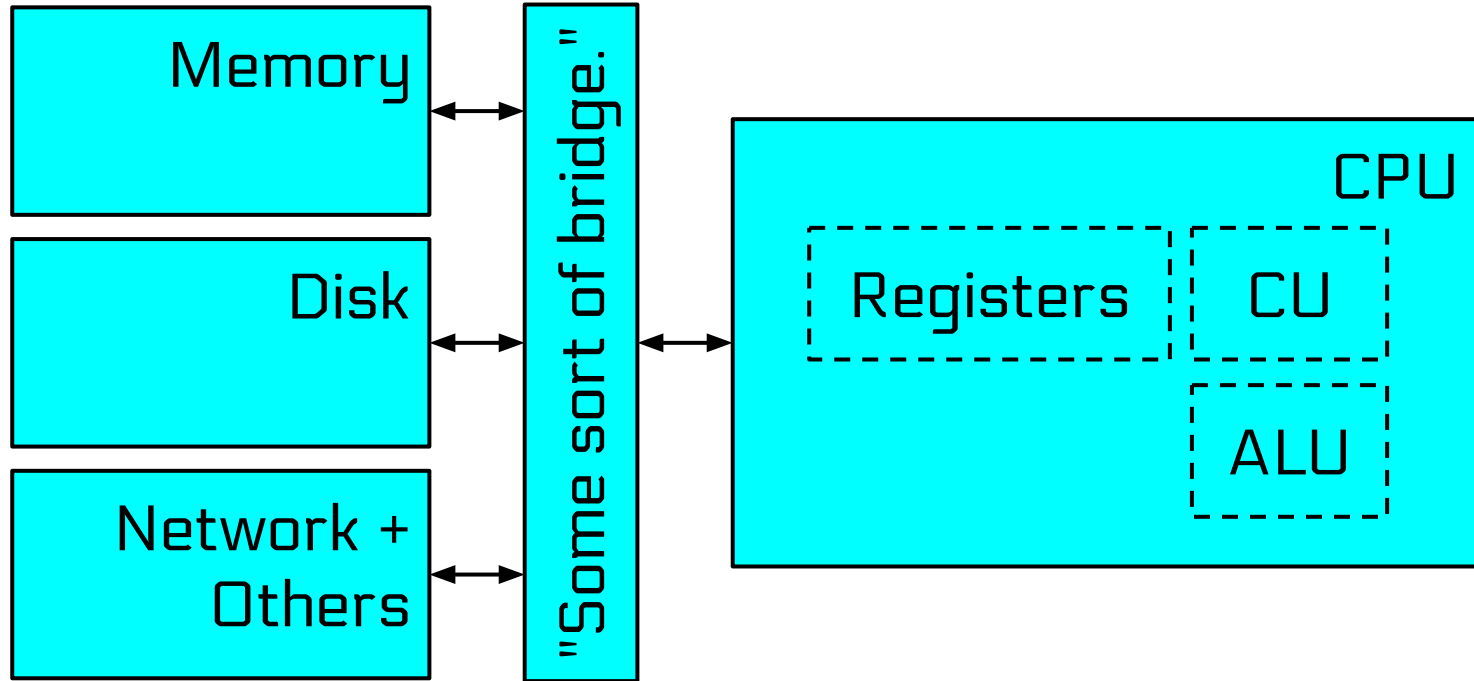
Too deep!



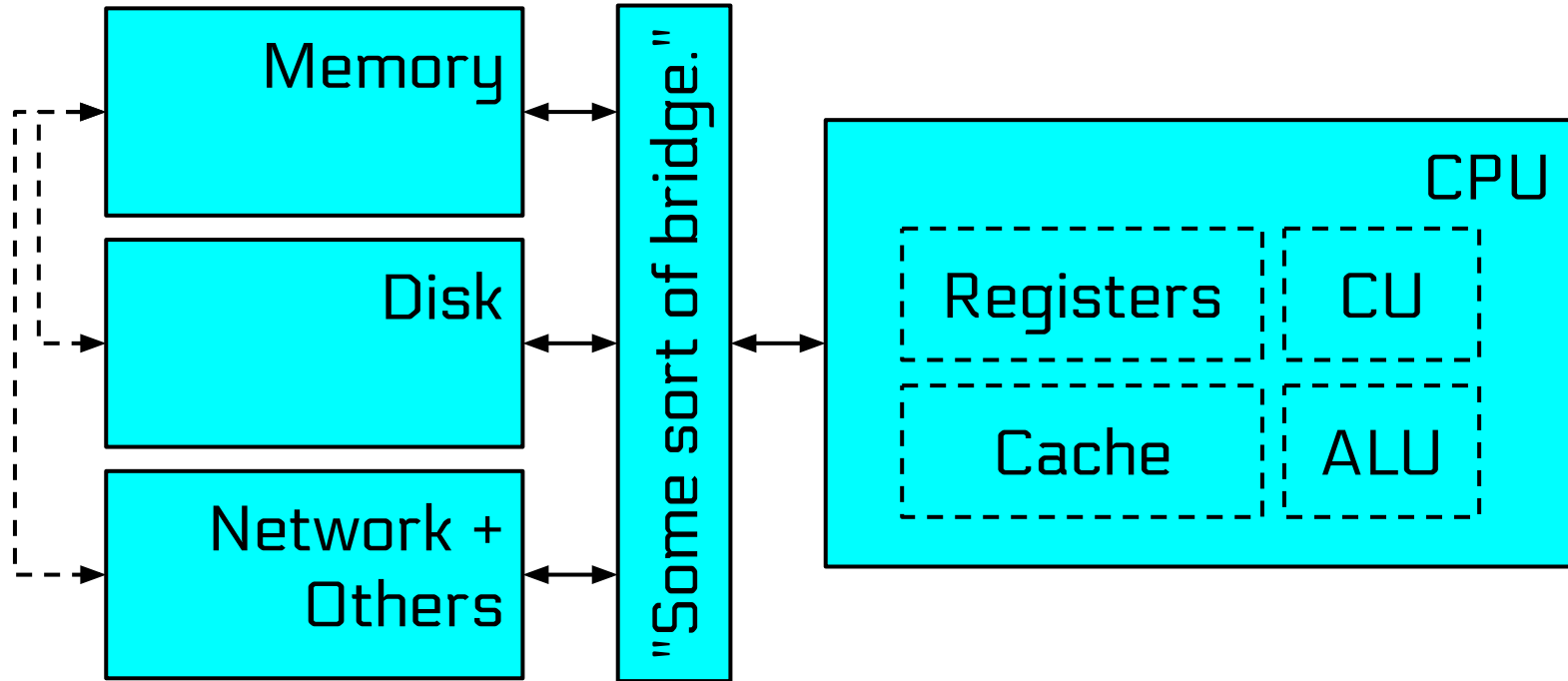
Computer Architecture (very high level)



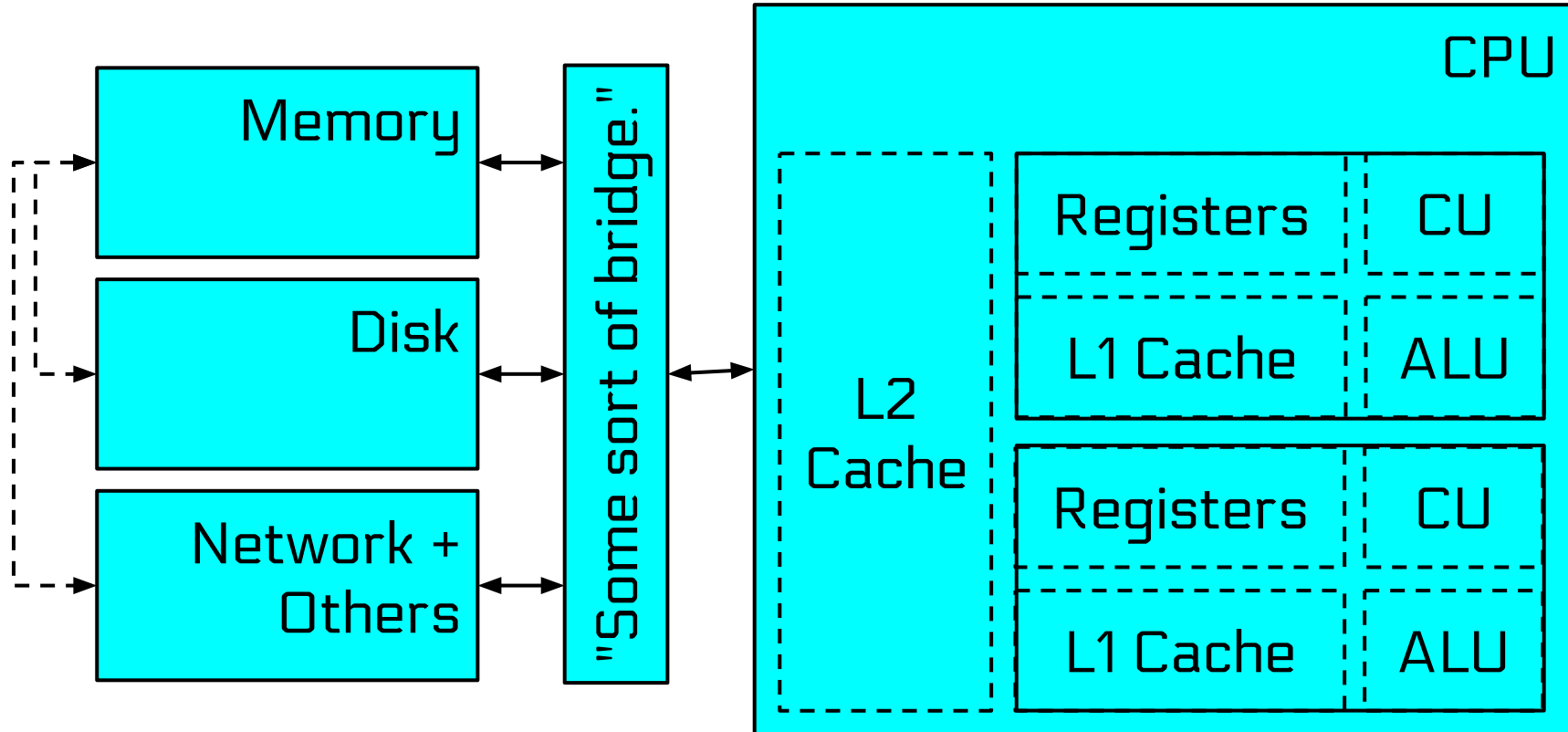
Computer Architecture (drilling down)

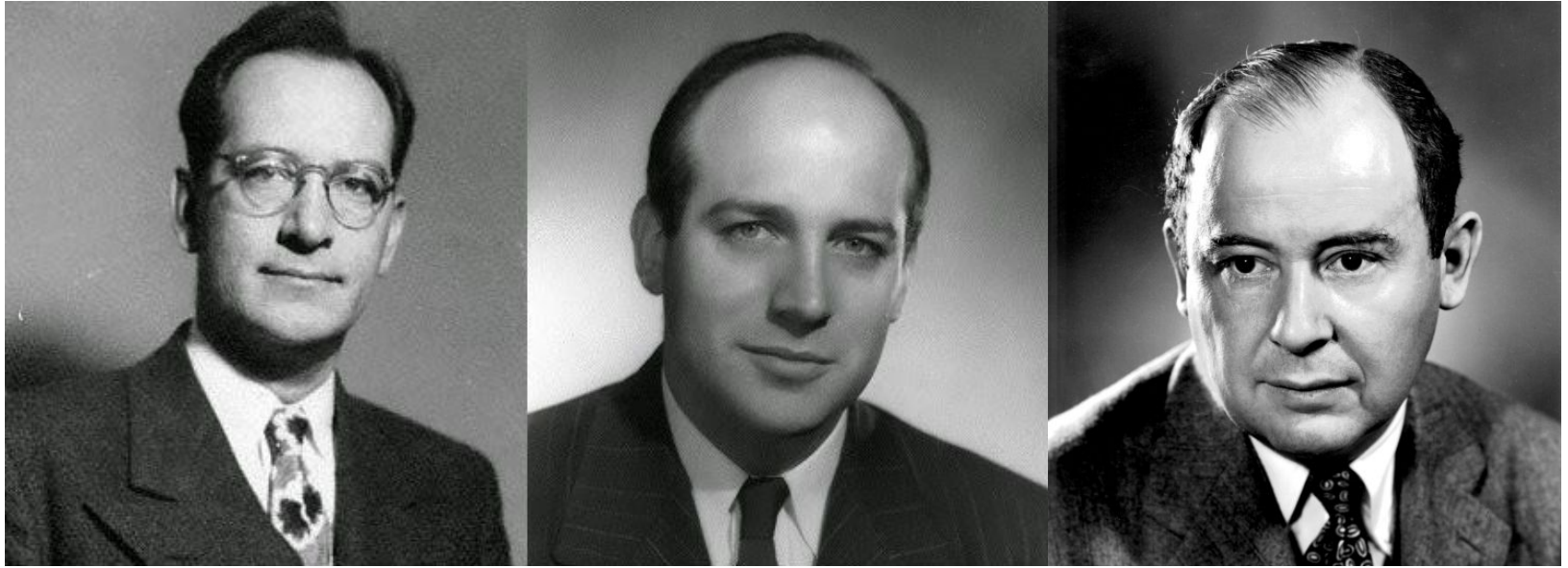


Computer Architecture (further down!)



Computer Architecture (as far as we'll go)





John Mauchly (Physicist), John Presper Eckert (Electrical Engineer), John Von Neumann (Mathematician)

John von Neumann, First Draft of a Report on the EDVAC, 1945.