Roger Hill

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Summary Of Qualifications

- Senior Analog Mask Designer at Intel Corporation with 23 years of CAD Layout Design of Intel SOC, and CPU processor designs. Designed, and implemented high-complexity physical layout of structured data-path, register-file, and analog resistors, thermal-sensors, capacitors, inductors, and special circuits using Intel CAD tools, flows, and methodologies.
- Air Traffic Control Radar Technician (United States Air Force) maintained ATC Radar installations at RAF Bentwaters England, and OSAN AB, Korea.
- Facilities Operations Maintenance Dispatcher at Washington State University.
- Bachelor of Science in Computer Science, with expected graduation in 2021
- Bachelor of Science in Electrical Engineering.
- Excellent teamwork, communication, and synergy skills.
- Analytical, and detail-oriented with excellent problem solving skills

Technical Skills

Senior Analog Layout CAD Designer	Unix Tools & Scripting	TCL scripting language
	C++	X86 assembly language
Perl	Tcsh	Unix

Professional Experience

1995 - 2018

Intel Corporation Hillsboro, Oregon
Senior Analog Mask Designer
Retired Senior Analog Mask Designer lead from Intel Corporation, with 23 years of Physical Layout design experience spanning multiple generations of lead vehicle Intel IA-32 CPU process designs. As the Layout lead I was responsible for the Floorplanning, Physical design implementations, layout and reliability verification of high-complexity Analog IP, Structured Data Path(SDP), Register File(RF), Synthesized(RLS), and Special Circuit designs. Other responsibilities included, Tools Flows, and Methodologies development, Analog IP design, gatekeeper for Analog Functional Unit Blocks(FUBs) of lead designs, including database consistency checks, web-page indicators, and communications with stakeholders.

1990 - 1991

Washington State University Pullman, Washington
Facilities Operations Maintenance Dispatcher
Dispatcher for the Washington State University Physical Plant. My job duties included monitoring WSU Physical Plant Central Control Monitoring System(CCMS) alarms, and dispatching maintenance personnel to trouble spots throughout the university.

1981-1985

United States Air Force RAF Bentwaters England; OSAN, Korea
Air Traffic Control Radar Technician
Air Traffic Control Radar Technician responsible for the Maintenance, Debug, Preventive Maintenance checks, and Fix actions for Airport Surveillance Radar(ASR), Precision Approach Radar(PAR), Identification Friend or Foe(IFF), Radar Signal Simulator, BRITE 2 Displays for Control Towers, Video Mappers, and associated equipment at multiple overseas duty assignments.

Education

2019-2021

Oregon State University
Bachelor of Science, Computer Science
*Coursework:*Introduction to Computer Science 1, Introduction to Computer Science 2, Discrete Structures in Computer Science, Computer Architecture and Assembly Language

| 1993-1994 | Oregon State University |
| | Bachelor of Science, Electrical Engineering |

Memberships

Institute of Electrical and Electronics Engineers (IEEE)

Engineer In Training