

MOHIT SHARMA

361, Randolph Avenue, Windsor, ON N9B 2T4 * 226-759-8323 * sharma88@uwindsor.ca

16th June 2022

Don Sweet
Senior Talent Acquisition Advisor,
Advanced Micro Devices (AMD), Inc.,
7171 Southwest Pkwy
Austin, TX 78735

RE: Design for Test Engineer Position

Dear Don Sweet:

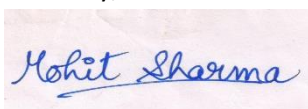
I was excited to find this job posting about DFT engineer – Central DFT (96162) position by AMD on LinkedIn. I would love to work for a reputed company like AMD. Having worked as a Product Validation Engineer at Cadence Design Systems for ~6 years, where my main role was to perform feature testing as well as develop/maintain thousands of testcases for Modus/Genus software in Makefile based environment using c-shell on RHEL operating system. I believe that this job at AMD would give me a great opportunity to grow in the DFT domain and further my skills.

During my previous employment at Cadence, I have done DFT scan insertion and ATPG pattern generation for several large designs from companies including TI, IBM, GF and TSMC with millions of gates and thousands of flops as part of my task for feature testing. This also involved performing RTL and gate level simulations, debugging designs using waveform on tools including ModelSim from Mentor Graphics and Xcelium from Cadence. I have strong fundamentals in digital IC manufacturing principles. I got the opportunity to work as Mitacs Research intern at Aarish Technologies on ASIC design where I gained knowledge on physical design (PD) i.e., placement and routing memory macros in a CNN hardware accelerator design. As part of this internship, I have learnt to perform placement driven synthesis.

Besides my knowledge of DFT, I have experience developing programs in C/C++ (Project link on Github: [ELEC-8590](#)) . I have also developed several projects using scripting languages like c-shell, Perl, Python, TCL (Some project links on Github: [MineSweeper in Tcl](#) , [Virtual Machine Translator in Tcl](#)) .

Thank you for your consideration of my application. I am eagerly looking forward to an interview to share my relevant skills and expertise with you. I am willing to relocate to Austin and I am flexible with my work hours. With my experience in DFT, and programming, I am confident that I would be a perfect fit for the job. I can be reached at 226-759-8323 or at sharma88@uwindsor.ca.

Sincerely,



(Mohit Sharma)