

MOHIT SHARMA

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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

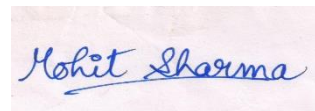
Dear Don Sweet:

I was excited to find this job posting about the DFT engineer – Central DFT (96162) position by AMD on LinkedIn. I would love to work for a reputed company like AMD. Besides, I am passionate about Design for Test and like to fiddle and experiment with DFT Scan insertion techniques while looking for new ideas. I believe that I will be able to greatly contribute to the company due to my inquisitiveness and curiosity.

During my previous employment at Cadence, I carried out DFT scan insertion and ATPG pattern generation using automation through scripting for several large designs from companies including TI, IBM, GF, and TSMC with millions of gates and flops as part of my task for feature testing. Due to my scripting skills, I was able to improve the turn time and always met deadlines. This automation process also involved performing RTL and gate-level simulations as well as debugging designs using waveforms. I have strong fundamentals in digital IC manufacturing principles evident by the fact that I have finished several courses, carried out DFT scan insertion and ATPG pattern generation hands-on, and received certifications for it. I received the opportunity to work as a MITACS research intern at Aarish Technologies on Physical Design (PD) involving placement-driven synthesis and PNR flows where I worked online independently owing to COVID. This role involved teamwork in an online environment where I used my communication skills to effectively convey my ideas to complete the work on time.

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 sharma88@uwindsor.ca.

Sincerely,



(Mohit Sharma)