

# JoshuaReed

February 23, 2017

Dear Sir or Madam:

I would love to work at Intel in a design or test role. Intel creates innovative, world changing products, and I would love to be a part of that. Furthermore, I believe my interests and experiences make me an ideal candidate for an entry-level engineering position within your organization.

While at Garmin I developed HDL skills by redesigning demodulation logic targeting an Altera Cyclone IV. For my senior project I successfully laid out and implemented an analog circuit on a PCB. As a teaching assistant I've helped build course demonstrations and projects, including an FPGA sine wave generator, a demonstration of PLLs using an array of LEDs, and a voltmeter which communicates with an ADC via SPI. As part of a school project I've simulated and laid out a pipelined multiplier using Spice and Electric VLSI, and during my time at Mentor Graphics I gained exposure to the EDA industry.

Computer engineering has proven to be an endless source of fascination for me, and I hope to join Intel on the forefront of this field. I graduate June, 2017 and I would love to speak with you about any opportunities to join your team.

Best Regards,

Joshua Reed