

After three years working for and helping grow a start-up company, I am now searching for new exciting challenges as I left Houston for Charleston full time in December following several years of back and forth travel between the two great cities. The past several years have provided me with an incredible amount of growth, as being part of a company from its near infancy to the beginnings of production has required me to be a man of many hats. In such a relatively short time, I was able to acquire experiences and opportunities I never could have imagined fresh out of grad school.

Innovation and self-starting were an absolute necessity as we built our touchscreen process from the ground up. Without any standard text to consult or pre-established knowledge-base to draw upon, I have been forced to cultivate an outstanding work ethic centered on problem solving, critical thinking and teamwork. Simply getting something to work was not good enough. We had to carefully craft a process that could lead to high, manufacturable yields. My proudest achievement was the several months we spent carefully characterizing and improving the yield of our printing step, which not only made our operation more robust, but also led to improvement and clarity in the steps down the line.

Additionally, I had to transition from entry level development work to high concept planning and managing as we built our employee base up to almost three times the initial amount and then successfully transferred our technology over to our manufacturing partner, Kodak. My background in teaching during college and graduate school helped me immensely by giving me the interpersonal skills I needed to go along with my technical expertise that allowed me to effectively communicate important ideas to large, unfamiliar groups and consult on key issues that arose.

I believe the skills I have developed in process/product development, failure analysis, program management, and metrology can be a tremendous asset to Boeing as your new materials process & physics engineer, and I also think Boeing will be able to help me further mature and build a wonderful, long-lasting career in yet another exciting, fast-paced setting.