

I am looking for a potato breeding/plant breeding position. My specialty is developing F1 hybrid potato breeding strategy by introgressing self-compatibility (SC) from wild species at the diploid level. I am using genome-wide Single Nucleotide Polymorphisms (SNPs) to identify the candidate genes and Quantitative Traits Loci (QTLs). I am using marker-assistance breeding and conducted Agrobacterium-based transformation to test a gene for nematode and aphid resistance during my research toward my degree. These techniques could be used to accelerate and create inbred lines or double-haploids to develop hybrid potato varieties or any other crop(s). With my expertise in plant breeding and cutting-edge technology, I am looking for a position where I will be able to grow professionally and develop skills that will allow me to take on more responsibilities in the future. I want to get a position where I can use my skills to make an impact that I can see and achieve my goal to be a plant breeder.