Kuanghua Qiao

Mississauga, ON, Canada | 647-220-5668 | qiaokuanghua@gmail.com

Dec 7th, 2018

The recruitment manager

ecobee

Toronto, ON

Re: Electronics Technologist  
The recruitment manager：

I am writing to reply to this Electronics Technologist position that I discovered on your career website. I believe I am well suited for this job for I love to get my hands on electronics testing and prototyping.

During my year at York University, I have participated in multiple satellite and circuit design project. The first time I was involved in satellite design was in QB50 where I was mostly involved in software development. After that part of the design of the QB50 satellite was inherited by CSDC YorkU branch. There I was responsible for solar panel PCB routing and communicating with the manufacturer. My most recent experience as a research assistant also includes designing a 4-layer PCB as a test platform and programming various boards from Adafruit and Arduino. Up till now, I have brief experience with all stages of PCB prototyping process: designing, manufacturing, and testing. Although, the smallest passive I have soldered was only 0603, but I know how to work on 0402 passives as well. In fact, the soldering work I am most proud of was soldering a DFN6 package, which I believe is the second hardest package to solder other than BGA devices.

Above all, I am a person who enjoys fast-paced building and testing iteration of electronic devices. My passion for electronics and the goals of personal growth would make me a perfect candidate to work at Kepler communications.

Yours sincerely,

Kuanghua Qiao