

May 4, 2020

**Dear Prospective Employer,**

I am writing to recommend Jessie Boudreau as a potential employee for your organization. I have known Jessie for the last year and a half while he was working on completion of his Bachelor of Technology degree at McMaster University, and I have functioned as a mentor and job supervisor for him. Jessie first approached me as part of his work leading the SAE Formula Electric team, while he was in the process of coordinating the design and assembly of a prototype high voltage battery pack.

Upon meeting Jessie, I was immediately impressed by the quality of his work and leadership for the Formula team. He had helped to design and build a sophisticated high voltage battery pack with many challenging technical features, including laser welding of cell tabs, packaging in custom formed Kevlar, integration of a BMS, cooling with variable speed fans, and custom bus bar components for interconnecting modules. The level of design which went into the pack was well beyond what the graduate students working in my energy storage research lab often achieve. I was also struck by Jessie's thoughtful, mature, and calm demeanor, and with his actions in response to my feedback on the Formula team's designs and plans.

After learning of Jessie's strong interest in energy storage and electrified vehicles, I recruited him to work as a part time undergraduate researcher for the Fiat Chrysler sponsored Car of the Future research project I manage at the McMaster Automotive Resource Centre. He quickly worked through his first task – to reverse engineer a sophisticated piece of custom lab equipment, rebuild it, and prepare it for Canadian Standards Association (CSA) certification – demonstrating his ability to understand complex systems and create detailed documentation. Jessie also prepared online training courses on high voltage safety for use in our laboratory and throughout the university, showing his ability to teach and train others. He was very diligent for his position, always being present when expected and accomplishing more than I expected.

In general, Jessie seems experienced beyond his years, and this makes it very satisfying to work with him. My research group was so impressed with him that we sought to have him join our group as a graduate student, so I would highly recommend him for any position, especially one with responsibility leading others or leading the development of challenging new technologies.

Sincerely,



Phillip Kollmeyer, PhD

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