

ALEXANDER VAN KRALINGEN

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Dear Recruitment Manager,

I am currently pursuing a Bachelor of Engineering degree specializing in Mechatronics Engineering from McMaster University. With my engineering coursework and project experience, my problem solving ability and innovative mindset makes me a strong candidate for this position.

After nearly ten years of trying to navigate where my passion and interests lie, I recognized that it has always been in engineering. Thus, I returned to McMaster University in September 2018 as a mature student and have since balanced a rigorous course load ranging from 2nd – 4th year courses. To succeed in courses with varying levels of difficulty and pre-requisite skills and knowledge required, I have become a quick learner and have enhanced my skills in time management, organization, and attention to detail. During the course of my undergraduate studies, I gained proficiency working with programming languages such as Python, C/C++, Elm, Html 5 and Bash. Furthermore, I have briefly worked with a Python-based web framework called Django, with which I familiarized myself with HTTP communication, JSON and SQL databases by creating a game and saving progress in a remote server database.

My academic project work has enhanced my proficiency in writing professional reports and technical documents as well as presenting the material to an audience. Recently, I worked alongside three other team members where we proposed a mobile application for McMaster University's careers and co-op portal, OSCARplus. For this project, we designed a working demonstration of the application, created a business model, and wrote a technical report. In addition to application development, I am skilled in reading and creating electric schematic diagrams, as well as using them to build simple circuits. With the completion of numerous laboratory components in my coursework, I have become familiar with using a variety of tools and instruments for measurement and collection of data. Throughout all of my experiences, I have used my dedication and strong work ethic for efficient and effective problem solving. Thus, I am eager to apply my engineering knowledge and skills at your company.

I possess experience working in dynamic environments where multitasking, critical thinking and exceptional organizational skills are necessary. My passion for learning STEM subjects has led me to teaching these subjects since I was in Grade 12. The experiences I have had from teaching kindergarten to university students allowed further development of my creativity, communication, and interpersonal skills.

I am passionate, enthusiastic, and fully committed to the profession I intend to pursue with a wide-range of experience to draw from as an engineering student. I am currently looking to develop my own knowledge and skills with this opportunity in your organization.

I would appreciate the prospect to meet with you and further discuss the contributions that I can offer. In the meantime, I can be reached at alexvankralingen@gmail.com or 289-887-8159 to arrange an interview.

Sincerely,



Alexander Van Kralingen