

# Jacob Gordon

CANDIDATE FOR BACHELORS OF ENGINEERING · SOFTWARE ENGINEERING

277 Bowman Street, Hamilton, Canada

☎ 905-407-7322 | ✉ gordo7@mcmaster.ca | 📷 jzar | 🌐 jgordonzarankin

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## Job Application for Research Intern

**Dear Element AI** \_\_\_\_\_

I am a 3rd year Software Engineering student at McMaster University, and I am greatly interested in this Deep Learning Research Engineer Internship opportunity. The opportunity to advance the technologies I work with is one I am very excited about. Having the chance to use cutting edge hardware to design cutting edge software is a dream come true!

I am passionate about machine learning and AI. This past year I've become an executive member of the McMaster Artificial Intelligence Society, and have helped to bridge the gap in undergraduate knowledge of AI at McMaster. As the team's project manager, I've mentored and tutored students from various backgrounds on machine learning frameworks and concepts and have guided them on several projects (including a pathfinding AI for the McMaster Mars Rover team). I'm currently speaking with a Health Science professor at my university to assist him with his AI based research, and have given a talk on an AI panel regarding the future impact of AI in the real estate space. I've also given lectures for the society's members on machine learning concepts (Gradient Descent, Backpropagation, etc.), and how to use TensorFlow, Scikit-learn, Pandas, Numpy, Pandas and Matplotlib. I love this technology, and am excited to break into industry.

All said, I would love the opportunity to speak more with the team regarding this internship. It truly would be my dream internship. Please feel free to reach out to me regarding any questions!

Best Regards,

**Jacob Gordon**