

FREYA MAO

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Meridian Motor Co.
25-27 Regatta Rd, Five Dock NSW 2046
walid@meridianmotorco.com.au

RE: Internship

Dear Sir/Madam,

Please accept this letter as an expression of my interest in the internship at Meridian Motor Co.. I am a student of the University of Sydney(USYD), pursuing a Master's of IT & IT Management(Data Analysis and Management). I was excited to find this opportunity from the email sent by USYD Computer Science school and am eager to learn and grow, as well as contribute to the team as best as I can.

By delving into deeper knowledge in Data Science, I realise the importance of software engineering underpinning the application of data science, such as NLP-based chatbots in some apps we use. Compared to tuning these machine learning models, I found I prefer the coding parts more in my studies. When doing my assignment, I quite enjoy implementing these machine learning algorithms from scratch myself; sometimes, it is interesting for me to write automated functions to evaluate the results automatically since it saves lots of manual work for me.

A related software development experience of mine is from a subject – Mobile Computing. I implemented mobile apps individually and with my teammates, and mainly used Java to develop Android-based apps. I knew software engineering was not my strength compared to data science. In order to not impact the schedule of the project, compared to other subjects, I spent 3 times as much effort on this subject and learned it as quickly as I can. I successfully finished all my programming tasks in the group project and did some additional work on user interface design and implementation. Moreover, I got a perfect mark in my individual mobile app. Frankly speaking, I am not very familiar with the listed tech stack(PHP 7, Laravel 7...), but I'm eager to learn them, and I am also confident that I can catch up quickly.

I am expected to graduate in 2021 and can obtain a 2-year work visa. I treat this internship as a precious opportunity to sharpen skills in software engineering even if it is unpaid. Please refer to my resume for details of my skill set and previous work experience. I look forward to discussing this opportunity with you and greatly appreciate your consideration.

Sincerely,
Freya Mao