Dear Hiring Manager,

My name is Pham Minh Nghia. I am currently a UMass junior, who is following AI and Machine Learning path, and a junior Software Developer. As a result, I am very excited to apply for the Autopilot – Backend Engineer Internship position at Tesla for the Summer 2022. I am writing this letter to display my technical and leadership skills and to prove that I am a good fit for the Autopilot – Backend Engineer Internship role.

I have been participated in several projects in which my role was a Front-end Developer and/or a Back-end Developer. For my Back-end experiences, I have led the team of 3 to develop a back-end environment for Online Shopping Application which was, later, used to train my company Front-end freshers. We were able to design, build, and deliver the final product in a tight deadline of 2 days. Apart from standard CRUD endpoints, the product provided SignalR which added real-time Client-Server communication. For Front-end experiences, I have been working with Angular Framework for the past 6 months. As a result, I am familiar with Angular basics such as components communication, service, module, pipe,… In addition, I am familiar with using HTML and CSS which are essential in developing UI. On top of that, it is always my top priority to keep the source code clean, readable, and refactored.

I have a great passion for Artificial Intelligence (AI) and Machine Learning (ML). I have taken several introduction ML, AI, and Computer Vision courses. These classes have taught me basic concepts of ML, Deep Learning. As a result, I can quickly learn and understand new AI/ML related concepts.

I also recognize the important and potential of Cloud Computing. Preparing the Microsoft Azure Fundamentals had shown me the general, complete picture of Azure Cloud and its services. As a result, it is my plan to take several more in-depth Cloud Computing certifications such as Azure Administrator soon. These certifications will provide me insight about choosing and operating Cloud infrastructures/services which are cost-effective and quickly scalable on-demand.

Thank you for your time and consideration. I am looking forward to hearing from you soon.

My coding journey started when I was a freshman in High-School. During those 7 years,

                  I have taken part in multiple coding competitions, and web-development projects.

                  As a result, I have experiences in coding as a Front-End, Back-End, and Full-Stack Developer.

                  I'm also interested in other disciplines such as Cloud-Computing, Machine Learning, and Computer Vision