

05 August 2023

Recommendation Letter for Mr. Nicholas Lee Jun Yi

I first met Nicholas when he applied for our internship project at the AI Research (AIR) Center, Hyundai Motor Group Innovation Center in Singapore (HMGICS). As an AI R&D center, we frequently develop many AI/ML applications and prototypes but frequently lack as much as a simple front-end for demonstration and user interaction. Therefore, we put out an internship project to develop a lightweight web-based GUI that can be easily integrated with our AI & Computer Vision applications. It was an easy decision to engage Nicholas for this internship project, as he boasted an impressive portfolio of software engineering projects that demonstrated great initiative & expertise, and we found through the interview that he can very effectively communicate his strong technical understanding.

As his mentor during his time at HMGICS, I witnessed Nicholas's technical skills and drive first-hand. He possessed technical proficiency that stemmed from solid computer science fundamentals, a well-structured education, and practical experiences. In technical areas that are new to him, where he is lacking or unsure, he has the initiative and technical independence to seek out resources and explore. From wireframing & planning, to implementation & development, and to user testing, Nicholas has performed these iterative software development processes to a level that exceeded our expectations. He also demonstrated great aptitude in collaborating and integrating with technical experts from other domains, for example, when the GUI development necessitated Nicholas to integrate computer vision elements and develop a Python-based helper library for users. At the end of the internship, Nicholas delivered a working GUI that our center will be actively using. His detailed and precise documentation also allowed for a smooth handover of his development work.

Nicholas also demonstrated his versatility and ability to learn fast by embarking on a vastly different technical work towards the end of his internship term: an AI-based visual defect inspection project. Within a short span of two weeks, he understood the concepts behind a recent work, WinCLIP, and implemented the core components. He evaluated his implementation on internal data, and obtained valuable insights on what situations the zero-shot inspection method works well.

Overall, our experience with Nicholas has been nothing short of perfect. Safe to say, we are impressed with Nicholas's technical abilities, flair for software engineering with a keen eye for UX/UI, as well as his impeccable character. He will be a great addition to any organisation.

Yours Sincerely,

Ling Evan

Senior AI Research Engineer

Hyundai Motor Group Innovation Center in Singapore (HMGICS)

evan.ling@hmgics.com / lingeivan0208@gmail.com

26 August 2023

To whom it may concern,

Recommendation letter for Nicholas Lee Jun Yi

I am writing to highly recommend Nicholas for any future endeavours he may pursue. Nicholas served as an intern under my supervision at Hyundai Motor Group Innovation Center in Singapore (HMGICS), where he was responsible for designing a web-based dashboard to facilitate the analysis of our machine learning projects. Throughout his tenure, he demonstrated a remarkable level of capability, passion, and dedication to his work.

Nicholas began his internship by collecting requirements from us and taking the time to understand them well. He then planned out the project carefully, selecting libraries and frameworks that would be suitable for the task at hand. His implementation was incredibly fast, and he regularly updated us on the progress he was making. He even took the time to show us how his dashboard worked so that we could align our expectations better.

Due to his exceptional performance, Nicholas finished his project faster than expected. We were so impressed with his work that we gave him a mini-project on a completely different topic of artificial intelligence. His task was to develop a visual anomaly detection algorithm. Despite having minimal experience in computer vision and deep learning, Nicholas rose to the challenge and quickly picked up the necessary concepts. He came up with a prototype code within a few days and performed analysis on the algorithm results.

In short, Nicholas is an exceptional intern, easily one of the best I have had the pleasure of working with. He is a dedicated and passionate worker who is always willing to go the extra mile to ensure that his work is of the highest quality. I believe he would be an asset to any team fortunate enough to have him.

Please feel free to contact me if you require any further information.

Sincerely,



Zi Jian Yew (Dr.)

Senior AI Research Engineer

Hyundai Motor Group Innovation Center Singapore



Email: zijian.yew@hmgics.com