

# CHOTIMAN YUKPAN

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I am very excited to apply for the Structural Engineer position at AE49. I believe that my knowledge and skills acquired in and outside of the university make me a great fit for your organization's position. I am passionate about the opportunity to bring back my experience and knowledge that I acquired for the past two years as a Master's student in the U.S. back to my country and be part of the team of exceptional people on challenging and exciting construction projects across Thailand.

My education as a Structural Engineering Master's Student at Colorado State University provides me an extensive knowledge of the load-bearing and physical properties of major construction materials such as concrete, steel, masonry, and timber. Through several in-class design projects and self-learning experience, I have a chance to be familiar with and properly utilize American design specifications and building codes such as ASCE7, TMS402/602, AISC's Steel Construction Manual, or ACI318. Also, these projects helped me build a strong and proficient skill in the use of computer-aided design and modeling software like AutoCAD, SAP2000, ETABS, and Revit to facilitate the design process.

In terms of work experience, in Summer 2017, I had the opportunity to work in the civil engineering industry. For eight weeks, I interned as a site engineer at Sansiri Public Co., Ltd, a real estate development firm based in Bangkok, Thailand. My job was to control the quality and construction time of the assigned precast houses. I had a chance to oversee all of the processes, starting from constructing the foundation to the final inspection and handover to the customer. I learned a lot about how the construction system works and how to effectively communicate with people in various positions, such as fellow site engineers, laborers, architectures, customers, and salespeople.

Besides that, when I was an undergraduate student at Mahidol University, I would attend the university's volunteer camps in almost every school break. We were tasked with improving impoverished schools' facilities in rural parts of Thailand. As a civil engineering student, we were assigned to design the structural drawing, instruct and lead fellow juniors at the camp, which came from various faculties and backgrounds. It was such an enjoyable experience to practice hands-on construction skills and see how you can adapt your civil knowledge and explain it easily to others.

As of January 2021, I already obtained the Thai Engineering license (Associate Civil Engineer) from the Council of Engineers Thailand. Through the experiences and knowledge that I acquired from both inside and outside of the class and multiple in-class design projects, I have confidence that I can provide you a unique perspective and positively contribute to AE49's success. I would love the opportunity to discuss my interest in the position further. Thank you for your time and consideration of my candidacy. I look forward to proceeding with the hiring process and contribute to your organization with my absolute best.

Sincerely,



Chotiman Yukpan