

Se Yoon Lee Ph.D. Candidate
1001 Harvey Rd Apt 68
College Station, TX 77840, U.S.A.
(+1) (979) 888-4107

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Amgen,
Thousand Oaks, CA, US.

Dear Employer,

Please kindly accept an application from a very enthusiastic and self-motivated Ph.D. student for a Scientist-Clinical Pharmacology, Modeling and Simulation at Amgen. I am a fifth-year Ph.D. student, majoring in Statistics at Texas A&M University. My expected graduation is on May 8th, 2021.

During my Ph.D. program, I have been explored and researched on various Bayesian statistical models, with the purpose of application towards diverse industrial problems, arising from bio-medical, health-care, oil & gas, wind energy industries, and the COVID-19 outbreak. During the hand-on experiences, a common challenge that I have faced was the complication of the modern data structure such as enormous volume, large dimensionality, and multi-level structures. Broadly speaking, I tackle them with developing a Bayesian hierarchical model endowed with efficient computational techniques to fulfill a need of customers.

Fortunately, I had opportunities to explore real-world problems through internships at EMD Serono and Novartis International AG. As an intern, I have collaborated with bio-medical scientists with research focuses on phase I cancer clinical trials and wet age-related macular degeneration, and relevant statistical modeling and design of experiments. Please visit following websites to see my works: ♠Click: [Work at EMD Serono](#) ♠ ♠ Click: [Work at Novartis](#) ♠. Recently, my internship work at EMD Serono has been invited to the American Conference on Pharmacometrics 2020, one of the reputable conferences in pharmacometrics.

Now, as my graduation date gets closer day by day, my determination and passion to contribute to pharmaceutical science to serve patients and their caregivers get stronger. I truly believe that Amgen is the right place to start my career and grow. Thank you very much for your time and consideration of my application, and I am looking forward to hearing back from you.

Sincerely yours,

Se Yoon Lee

encl: Curriculum vitae