

Zhou Lvwen 201128000718065

Class B-165

Assignment # 10

May 9, 2013

### Cover Letter for Application for Employment

Dr. Alex Twist, President  
Sugar Corporation  
No.15 Beisihuanxi Road  
Beijing, China 100190

Dear Dr. Twist,

May 10, 2013

This letter is in reply to your advertisement on job.com on May 1, 2013, calling for a mechanical engineer with a background rich in computational fluid mechanics.

I graduated from Dalian University with a B.S. in physics in 2010. From 2010 to the present day, I am doing my master's degree in the Institute of Mechanics, Chinese Academy of Sciences. I will receive my master's degree in early July 2014, under the supervision of Dr. M.B. Liu. My studies have included courses in computational fluid mechanics and numerical simulations, and I have simulated many phenomena of flow in micro-channels.

I have published four papers until now, one of them were published in Physical Review E. In addition, my another research paper was accepted by Physics of Fluids, and it will be publish in September 2013.

I am proficient in fluid mechanics and numerical simulation methods. I am familiar with many programming languages(such as C/C++, Python and LaTeX) and multiple platforms(such ans Windows, Linux and Unix).

With my educational background and working experience, I believe I am qualified for the job. I hope to hear from you as soon as possible. Thank you.

Yours sincerely,

Zhou Lvwen