

**Brian Beatty**  
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September 13, 2012

**John Taylor**  
Human Resources Dept.  
Micron Technology, inc.  
8000 S. Federal Way  
P.O. Box 6  
Boise, ID 83707-0006

Dear Mr. Taylor,

I am very interested in the position of Thin Film Process Development Engineer in your Research & Development department (posting ID: BOI0021G). Included with this letter is a copy of my Curriculum Vitæ, and I believe that you will find me to be a prime candidate for this position.

I have significant experience in the relevant fields, especially in the development and application of Atomic Layer Deposition (ALD) processes.

Your primary requirements for the applicant mentioned on the posting included the following:

**Position Requirements:**

- Experience with ALD and CVD for various types of thin films, primarily oxide materials
- Understanding of thermodynamics and kinetics of reactions involved in film deposition
- Training and experience in materials characterization techniques
- Experience planning and executing experiments designed to improve existing processes or suggest other options

With a look at my CV you can see that I have matched or exceeded these qualifications.

**Personal Qualifications:**

- Over four years of personal and self-driven experience on designing and executing the development of novel ALD deposition methods for complex oxide films; culminating in my M.S. Thesis
- Close collaboration and partnership with colleagues working in CVD of advanced materials (semiconductors, nanowires, etc.)
- Extensive and varied training in an array of advanced characterization methods (e.g. SEM, EDS, RBS, FTIR, Ellipsometry)

Through the process of obtaining my degree I have also worked in close collaboration with groups of varied backgrounds, was an integral member of numerous international partnerships, and have assisted on various projects with industry partners.

In short, I feel that I am an exemplary candidate for this position, and appreciate you taking the time to review my credentials and experience. Thank you very much in advance for your consideration of my application.

As an aside, I am out of the country until September 20th (9/20/2012). Until this date, I request that email be used for communication as my mobile phone number may change during this transition. I apologize for any inconvenience this may cause.

Sincerely,

**Brian Beatty**

*Enclosure: Curriculum Vitæ*