Spring Summer 2015 PAID INTERNSHIP OPPORTUNITY

*Talent TVC* Internships offer $6000 stipend, 400 hour commitment and Mid-Point and Final Project Presentation necessary for completion.

**Task:** Circuit Design for Precision Instrumentation  
- Develop, fabricate, and test under mentor supervision electrical circuit designs as an element of an ATA research development and/or test effort for one of our precision instrumentation programs  
- Translate functional descriptions/requirements into circuit models, component selections and SPICE simulation pkgs, while running/verifying resulting models  
- May include fabrication of prototype circuit boards, test/verification results and design updates

**Skills and Experience:**  
- BS/MS Electrical Engineering: advanced undergrad/1st yr graduate student  
- Mixed signal (digital/analog) electrical circuit design  
- Differential equation modeling  
- Circuit board fabrication and use of diagnostic test instrumentation  
- Working familiarity w/SPICE numerical simulation pkg  
- Some understanding of design, modeling and analysis from multi-disciplinary systems perspective would be helpful

**Company:** ATA-Applied Technology Associates  
www.atacorp.com  
Since 1975, ATA has excelled at developing innovative solutions for the most challenging precision sensing, measurement, and controls problems. In doing so, our technical expertise has evolved to cover a broad range of competencies: sensors and systems, technical services and system test and evaluation.

**Talent TVC Internship Application Instructions:**  
- US citizen  
- Currently enrolled UNM engineering/science/technology student with minimum 72 credit hours  
- Meets all qualifications of Talent TVC Internship Program and participating employer  
- Talent TVC Internship Application Form, two letters of reference from a former employer  
- One page resume

---------------------------Address all questions, forms and submissions to: ---------------------------

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