TO: ABE Students and Personnel,

I wanted to share with you a paid internship opportunity. PARSEC Solutions LLC, is looking to hire students in support of a test facility currently under development here in the research park. Attached is a brief description of the skills needed and potential background areas. The skills outlined are rather broad and ideally they are looking to hire 2 people who combined, could cover the majority of the duties listed. A key skill is the ability to operate in a ‘hands-on’ process hardware R&D environment (comfortable operating process equipment). He is looking to fill the positions soon.

Please feel free to email your resume, vita or credentials to Dr. Herman Snyder at hsnyder@parsecsolns.com.

Dr. Snyder is a Purdue alum who earned his Bachelors of Science degree in Mechanical Engineering from the University of Illinois, a Master’s degree in Mechanical Engineering from Purdue University and his PhD in Mechanical Engineering from the University of Wisconsin.

Below is his contact information.

**PARSEC Solutions LLC**
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1281 Win-Hentschel Blvd. West Lafayette, IN. 47906
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All the best,
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(my temporary office is located in LILY 3-115 on the 3rd Floor)

**ABE & First Year Engineering students click here to make an appointment.**
Processing hardware development and testing internship
PARSEC Solutions LLC
August 2018 - August 2019
Purdue Research Park, West Lafayette

A) Primary function of position
   Assist in the development of state of the art pharmaceutical particle engineering systems in start-up company environment.

B) Activities
   • Facility setup
   • System assembly
   • Custom hardware design
     o Atomizers/mixers/inertial separators/control and data acquisition systems.
   • Computational fluid dynamic simulation
   • Formulation chemistry
   • Process development
   • Develop Standard Operating Procedures (SOPs)
   • Feedstock preparation
   • System operation
   • Process analysis
   • Powder assay development

C) Education and skills required
   a. Enrolled in any of the technology or engineering programs in the fields of mechanical, chemical, agricultural or pharmaceutical.
   b. Mechanical ‘hands-on’ person with the ability to operate in a flexible R&D laboratory environment.
   c. Computer aided engineering familiarity (CAD/CFD)
   d. Strong communication and writing skills in English
   e. Prefer graduate level or well skilled Jr/Sr.

D) Time commitment:
   a. 20-40 hrs/wk.
   b. Scheduling flexibility possible.