POSITION DESCRIPTION

SPARK SCHOLARS PROGRAM

Summary

Under the general supervision of the UT Center for Materials Processing, Spark Scholars will have the unique opportunity to work during the summer semester with promising technology-based startups participating in the Spark Innovation Center (https://www.tnresearchpark.org/spark/) at the UT Research Park. This is a full-time position (40 hrs/wk) at a rate of $12/hr.

Responsibilities include:

- Utilizing skills learned in the classroom and resources within the Kao Innovation and Collaboration Studio, Spark Scholars will assist Spark companies in several different ways, including:
  - building prototypes,
  - performing bench scale R&D experiments,
  - setting up equipment & developing standard operating procedures
  - conducting market research and customer outreach, or
  - other duties as assigned.
- Spark Scholars will participate in team meetings for the companies which they support, and will be invited to all Spark workshops and guest lectures during the semester.
- Spark Scholars will also be asked to evaluate their experience and to make constructive suggestions on how the program experience can be improved in the future.

Qualifications:

- Undergraduate student in the Tickle College of Engineering or related STEM field
- Completed all freshman-level coursework with a minimum GPA of 3.0
- Ability to work independently and also as a member of a team
- Strong work ethic and good communication skills

For more information, contact:

Dr. Chad Duty  
Associate Director, Center for Materials Processing  
Professor, Mechanical Engineering  
Tickle College of Engineering

865-974-8107  
cduty@utk.edu

To apply for the position:

- Send your resume along with a letter of interest to Dr. Duty at the above email address.
- Application deadline is April 15.