



Position for Mechanical or Aerospace Engineer

BlazeTech has a full-time job opening for Majors in Aerospace or Mechanical Engineering.

Job Description:

Design and analyze data from a broad spectrum of test programs ranging in size (bench scale to full scale), time scale (microseconds to days), governing process and instrumentation. Responsibilities include: test design, instrumentation & data acquisition system selection, data analysis, model and software development.

Requirements:

- BS or MS in Mechanical or Aerospace Engineering.
- Relevant coursework or experience thermodynamics, fluid mechanics and heat transfer (required) and combustion or structural mechanics (desirable).
- Strong analytical, written and verbal communication skills
- Willingness to work on a wide spectrum of R&D projects both independently and in a team
- US Citizenship (preferred) or Permanent Residency.

General:

Founded in 1987, BlazeTech is a leader in providing R&D, product development and computational services in environmental safety and energy for civilian and military applications. Over the years, we have developed innovative and cost-effective solutions for many problems of national importance. Recently, we focus on major hazards and homeland defense threats that pose risks to people, property and the environment. Sample accomplishments include:

- Analysis of explosion and hydrodynamic ram
- Measurement of agglomeration of nanoparticles
- Combustion and neutralization of chemical and biological agents
- Fire/explosion in aircraft fuel tanks under accidental and combat conditions
- Atmospheric dispersion of reactive chemicals
- Novel low NO_x burner, fluidized bed combustor and cookstove

BlazeTech is a half-way house between academia and industry that bridges the gap between theory and practice. Our projects include multi-disciplinary, cutting-edge work in technical areas with high potential for market impact. We perform work similar to the R&D department of a major company but our flexibility allows us to be more responsive to current issues. For the self-motivated, the opportunities for innovation and achievement abound – all the way from project conceptualization to commercialization. Commercialization is accomplished through licenses, strategic partnerships and launching of operating companies. We provide competitive salaries and benefits including life, medical and dental insurance, 401k and profit sharing. Please send resume and transcripts to Human Resources at the email or address below.