



## Position for Computer Science Majors

### Job Description

Work with a team of senior engineers and develop user friendly engineering software. Interact with engineers to get the inputs and models; and with potential software end users to get design requirements for the GUI. Develop computationally efficient engineering software equipped with user friendly GUIs.

### Requirements

- BS or MS in Computer Science
- Must be proficient in C.
- Knowledge in some or all of the following: GUI design, OpenGL, .NET, JDK, Python, Fortran and ComponentOne.
- Must have good math skills and ability to interact with people from diverse backgrounds.
- Must be a fast learner and willing to participate in a fairly wide spectrum of projects.
- Must be a US Citizen or Permanent Resident.

### 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 NOx 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.

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