



ANALYTICAL ENGINEER

LOCATION: Home Office (Preferred: Champaign, IL, or Greater Boston Area, MA or Greater Miami Area, FL)

POSITION DESCRIPTION: Front End Analytics LLC is looking for a dynamic customer-centric Analytical Engineer. The successful candidate will work on cutting edge projects using advanced computational and statistical methods. If you are a confident engineer with a solid understanding of engineering simulation methods, statistical principles, and well versed in numerical programming environments like Python, then this is the perfect opportunity for you. Our working environment and methodology is flexible while relying on personal responsibility of team members to complete tasks in a timely fashion and to the highest professional standards.

REQUIRED SKILLS:

- BS (MS or PhD preferred) in Mechanical Engineering or closely related field.
- Experience with Python Programming
- Experience with DOEs, Surrogate Modeling, Uncertainty Quantification
- Experience with Computational Methods like Finite Element Analysis
- Outstanding interpersonal, planning and problem-solving skills
- Excellent English written and verbal communication skills
- Ability to travel 30% of the time.

DESIRED SKILLS:

- Experience with SOLIDWORKS, CATIA or PRO-E (CREO)
- Experience with ABAQUS or ANSYS
- Data Science, Machine Learning, and AI knowledge
- Experience with Optimization software (e.g. ISIGHT, TOSCA, MODEFRONTIER, etc.)

COMPANY PROFILE: Front End Analytics LLC helps its customers dramatically increase their product development velocity, products' quality and innovative edge. To achieve this competitive advantage, Front End Analytics LLC offers end-to-end software and consulting services in the areas of: **Engineering Simulation, Predictive Analytics, and Engineering Democratization.**

For more information, visit our website at www.feasol.com.

TO APPLY: If you want to join a fast-paced dynamic company reinventing the product development landscape, send a cover letter and resume to careers@feasol.com with the job title in the subject line.



Front End Analytics (FEA)
Delivering Business Advantage

Front End Analytics LLC is an E-Verify and Equal Employment Opportunity Employer.