

## **TITLE**

LOW-FREQUENCY ELECTROMAGNETICS APPLICATION ENGINEER (Remote)

## **POSITION SUMMARY**

This is an immediate, full-time Low-Frequency Electromagnetics Application Engineering position. The successful candidate will be a quick and enthusiastic learner who can demonstrate high-level knowledge of electromagnetic and electronic circuit engineering calculations.

This Electrical Engineer will prepare physics-based simulations using ANSYS software tools. Daily activities include performing cross-functional engineering calculations, operating CAE tools to provide technical support to clients, and creating demonstrations for customer engagement.

Candidates who possess a graduate-level degree (MS, PhD) in Electrical Engineering are preferred. Candidates with any level of experience are encouraged to apply, from new graduates to experienced professionals. Compensation is dependent on experience.

## **RESPONSIBILITIES**

- Provide advanced-level ANSYS technical support to customers during business hours
- Execute engineering consulting projects to return high-confidence results in a timely manner
- Present highly technical information to clients and public conferences
- Teach ANSYS training classes
- Pass certification tests to confirm and improve industry knowledge

## **REQUIREMENTS**

- Minimum MSEE, or BSEE with 2+ years experience
- Ability to quickly learn new engineering skills, concepts, and software
- Familiarity with engineering simulation tools such as ANSYS Maxwell, Simplorer, and Motor-CAD
- Experience with simulation of low-frequency applications such as motors, generators, actuators, transformers, induction heating, wireless charging, power converters, and sensors
- Excellent written and verbal communication skills
- High-level proficiency with Microsoft Excel and PowerPoint
- Highly organized, self-driven with outstanding interpersonal skills
- Have a passion for engineering and physics-based simulation
- US Citizen or Permanent Resident
- Entry level to senior level encouraged to apply
- Training will be provided and expected as part of job requirement
- Must demonstrate rapid learning and developing competencies

## **PREFERRED EXPERIENCE**

- CAE software tools such as ANSYS Maxwell, Simplorer, Motor-CAD, Q3D Extractor, RMxpert, and PEmag

- Familiarity with power electronics and power systems
- Familiarity with reduced order models for system-level co-simulation
- Familiarity with electro-thermal and noise, vibration, and harshness (NVH) multi-physics simulations

## **APPLY**

Submit your resume online or email to [info@ozeninc.com](mailto:info@ozeninc.com)

Include a brief cover letter with a personal introduction describing your engineering ability / experience / interest. Highlight experience related to ANSYS and electromagnetic simulation. Special consideration will be given to candidates who submit a sample engineering report (non-confidential) that they have prepared on a relevant topic.

Clearly state if you are legally authorized to work in the United States on a full-time basis and if applicable, your visa sponsorship requirement for employment.

## **ABOUT US**

Ozen Engineering, Inc. is the premier distributor of advanced Computer Aided Engineering (CAE) software with headquarters in the Silicon Valley. As ANSYS Channel Partner, we offer consulting services, technical support and training classes. We service a wide variety of industries such as Semiconductor, Biomedical, Automotive, Aerospace and Manufacturing. Prestigious companies turn to Ozen Engineering as the single-source of reliable simulation solutions.

Ozen Engineering collaborates with best-in-class companies worldwide to optimize product design performance, improve quality and shorten product development processes.

We are dedicated to our clients. We are passionate about providing accurate and advanced simulation technologies as core competencies to help clients realize unparalleled results using Finite Element Analysis (FEA), Computational Fluid Dynamics (CFD), Electromagnetics (EM), Optics, and Photonics software tools from ANSYS.