

About Event Horizon LLC:

Event Horizon helps provide Technology yet Social Impactful Startups with a network of resources and services in Business Operations, Intellectual Property, Investment Strategy and Access to Capital Network. ZEINE, Inc is a client partner to Event Horizon LLC.

About ZEINE INC:

ZEINE, Inc. ("ZEINE"/Company"), is a startup company in Bellevue, Seattle, is working towards climate protection solutions. We are a company with strong Intellectual Property position in the area of fluid separation and energy conversation.

Job Posting & Requirement:

We are looking for a qualified **MECHANICAL ENGINEER** on a contract position with 5+ years of experience in the field of compressed gas handling, energy conversion and fluid transport.

The Engineer is responsible for:

- Working hands-on in all phases of product development, from concept through production handoff with emphasis on design for manufacture. The work involved a combination of Mechanical Design and computational fluid dynamics (CAD/CAE). Familiarity with CAD software such as Solid works.
- The candidate will also use analytical and fast computational tools to perform quick turn-around analysis of compressor-piping-turbine configurations for design refinement, as well as electromagnetic field simulation for magnet design/placement. Expertise in large scale energy conversion and/or internal combustion engine design/optimization is a plus.
- The ideal candidate will work independently in a strongly technical environment with clear goals and milestones, under minimal supervision.
- The candidate will contribute significantly at weekly meetings with technical advisors and business managers that will serve to determine the direction of the company's product development and the strategy to bring them to prototype and pilot plant in a fast and efficient manner.
- The goal of this project is to create both a detailed design and a performance evaluation tool for the prototype created based on Zeine's unique IP in this area, as well as generate new IP to further advance the technology and protect Zeine's position in the field.
- Strong written and communication skills are required to support both the technical and business development teams, and to reach the investment community.
- Candidate should submit the reports twice a week of his/her task and duties to the Chief Technology Officer (CTO) and Project Engineer

Job Requirements:

- Master's degree in Mechanical Engineering, GPA: 3.0+
- 5+ years minimum established experience in engineering and industrial design
- Fluency with CAD software like SolidWorks,
- Preferable/Optional: Rhino, Siemens NX(Unigraphics)
- Familiarity with CFD software like Fluent, Star CCM++
- Expertise in assembly and testing
- Strong material science background

Job Type: Contract Position (Part-time)

Work Location: 10900 NE 4th St, Suite 2409, Bellevue, WA 98004

Interested in this position? Email us your resume to info@eventhorizon-acc.com