

Physicist Job Description

Location: Flexible, Experience: 1-5 years, Type: Full-time

Role

Prime Movers Lab invests in physics-powered startups founded by Prime Movers, the achievers who serve as engines for human progress and prosperity. We invest \$500k-\$5mm in early stage deep technology companies across nuclear, oil & gas, batteries, utilities, power plants, autonomous vehicles, aerospace, drones, water, connectivity, quantum computing, advanced materials, and defense. The core of our differentiated value creation is our deep technical diligence to evaluate groundbreaking technologies. We need a Physicist to execute rapid analysis of potential investments from a scientific perspective to determine technological value.

The right candidate will bring broad physics and problem-solving skills developed in performing world-class PhD level research. It is crucial in this role to feel comfortable exploring a diverse range of technologies at various depths. An exceptional Physicist will relish the challenge of seamlessly balancing interviewing *Prime Movers*, reading patents, reviewing technical marketing white papers, seeking input from expert advisors, speaking to competitors, and synthesizing this research into cogent easy to comprehend technology evaluations.

We are looking for someone who has strong research capabilities combined with a unique range of people skills to utilize as one of the faces of Prime Movers Lab. Through his own example and idealism, our Founder and General Partner leads a value-driven culture and needs a Physicist who can keep up and wants to learn how to be the best partner possible. We will invest in ongoing training and personal development to support the right candidate who meets our needs.

Responsibilities

- Evaluate potential investments from a technical perspective.
- Interview *Prime Movers* and their technical teams to dive deep.
- Read patents, whitepapers, and broad research about target technologies.
- Coordinate expert input and review of competition to form a holistic thesis.
- Write in-depth technological evaluations synthesizing research conclusions.
- Organize regular seminars, peer networks and events to support founders in a group setting to explore interesting scientific ideas and opportunities.
- Regularly travel to evaluate opportunities and support founders face to face.
- Perform public speeches at high profile events to build the Prime Movers Lab brand and reputation as the most founder-friendly venture capital firm.

Requirements

- At least a PhD in physics.
- Demonstrated ability to reason from first principles.
- Experience researching theoretical or computational physics.
- Track record in applying theory to experimental or device design.
- Flexible hours and availability with a startup attitude of intense dedication.

Extras

- Prior experience in a fast-paced startup.
- Past exposure to angel investing or venture capital.