

## **Job Description: Quantitative Consultant and Researcher**

### **About Us**

Paperclip Partners is a venture capital and advisory firm working with early-stage crypto companies and projects, with a particular focus in the realm of decentralized finance. Our main objectives are to provide substantial value to our portfolio companies in the form of technical and strategic advice. Paperclip's founders are early adopters of blockchain technologies and decentralized finance who have extensive backgrounds in finance, engineering, and natural sciences, and are based in Hong Kong and Australia.

### **About The Role**

We are looking for a part-time quantitative researcher to lead and advise our efforts in mathematical research, financial engineering, as well as modeling and simulation. The role involves the development and application of mathematical/economic theory to crypto-based financial products that were previously unfeasible but made possible through blockchain technology. The ideal candidate would have a strong theoretical background, with extensive experience in applied quantitative techniques.

### **Responsibilities**

- Produce economic and mathematical theory related to decentralized financial products
- Advise on the implementation of quantitative techniques to decentralized financial protocols

### **Requirements**

- Masters or doctorate in any of the following: physics, mathematics, quantitative finance, engineering, economics, actuarial studies, computer science
- Research experience in any of the above fields
- Strong understanding and interest in mathematics and economic theory

### **Nice-to-Haves**

- Knowledge of and interest in blockchain technology and cryptoassets, especially decentralized finance
- Experience in any of the following: cryptocurrency industry, academia, financial institutions, quantitative research
- Knowledge in any of, and ideally multiple of, the following: statistics, economics, machine learning, finance, mathematics