BLOCKCHAIN ANALYST

Newtown Partners is a blockchain investment and advisory services company with teams operating out of offices in San Francisco and Cape Town, South Africa. We started as early as November 2016 with assisting startups that we invested in, with designing and issuing cryptocurrency tokens and as a consequence, have acquired specialized skills and experience in token economics, token sale design and demand generation. These startups include an augmented reality game (**www.augmentorsgame.com**), financial services company (**www.getwala.com**) and identity management (**www.civic.com**).

Newtown Partners is looking for an analyst to join the firm. The Analyst will report to the Token Economy lead.

PURPOSE:

This role will include regular day-to-day communication with the Token Economy lead to help conceptualize, design, test and document different token economies. The candidate will contribute to and help develop different token economies and token sales using mechanism design, auction design and other tools. This is a varied role, with typical tasks including token economy design and research for a variety of different clients.

RESPONSIBILITIES:

- Assist with researching different token economy designs;
- Assist in the mathematical modeling of different token economy designs;
- Analyze existing token economies by tracking velocity and value capture;
- Develop algorithms which simulate token economies;
- Assist in researching and creating new digital tools for token economy design;
- Research and document auction theory and apply it to token economy design;
- Investigate different solutions to Byzantine fault tolerance;

QUALIFICATIONS:

- Master's or PhD degree with a mathematical, science or economics major (or similar)

SKILLS AND EXPERIENCE:

- Ability to research and develop cutting edge economic models
- Ability to design game theory simulations
- Strong data analysis skills essential, proficient Excel skills and MatLab, Go, R or Python
- Experience working with distributed teams
- Good written and verbal communication skills
- Knowledge and understanding of game theory and mechanism design
- Meticulous – high attention to detail, very well organized
- Keen problem solver – fluid intelligence and well developed troubleshooting skills
- Flexible/agile, self-aware and a creative thinker
- Meets deadlines but not at the expense of quality output
- Interest in startup entrepreneurship and technology
- Passion and interest about blockchain technology and distributed systems.

Salary and employee benefits negotiable based on skills and experience.

To apply please send your comprehensive CV and a cover letter to **jobs@newtownpartners.com**.
If you do not receive a reply to your application within 2 weeks, you may assume that it has been unsuccessful.

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BLOCKCHAIN INVESTMENT & ADVISORY