



Cryptographer

Role Description

Quantum Dice is hiring a Cryptographer to work on the development and implementation of a cryptographically secure hashing algorithm for our Quantum Random Number Generator (QRNG) products. The successful applicant will be working alongside the scientists and the team of engineers developing the electronic back-end powering the world's first compact source device independent source of entropy.

The successful applicant will be working in a fast-paced and rapidly growing start-up environment, with a friendly, supportive, and ambitious approach. We have a strong culture of trust and respect and can offer lots of varied opportunities and responsibilities for our teams to take ownership of and grow with. We value creativity, integrity, ambition, meaningful teamwork, and fun. We are looking for people with drive and passion. You will be collaborating with a growth minded, diverse team.

Skills, Experience and Qualifications

- Research and analyse cryptographically secure hashing algorithms for random number extraction.
- Research side-channel attacks.
- Assist with cryptographic standards.
- Assist in API development for integration into cryptographic stack.
- Ability to learn quickly and in a proactive manner.
- Experience with hardware development would be beneficial.

Application Template

When applying, please answer the questions below in a separate letter. This will help the person reading your application make a decision based on the same criteria, which we believe, will make the hiring process fair and consistent.

- What do I expect my responsibilities at Quantum Dice to be?
- Why am I the right person for this position?
- What are my relevant qualifications/experience for this position?
- Why should Quantum Dice consider my application?



Job Type

Full-time

Starting Date

Immediately

Benefits

- Stock option plan
- 28 days annual leave
- Career Development
- Mentorship Opportunities
- Rewards and Recognition
- Flexible working from home options

Our Locations

Quantum Dice safely transitioned into our offices and labs at the Oxford Centre for Innovation in Oxford, United Kingdom.

Diversity & Inclusion

We strive to create a diverse environment and to be an equal opportunity employer. This means that all qualified applicants will receive consideration for employment without regard to national origin, age, sex, race, disability, pregnancy, marital status, sexual orientation, gender identity or expression, or religious background.

Please email your CV and Cover Letter to jobs@quantum-dice.com

Quantum Dice Ltd.
New Road, OX1 1BY Oxford
jobs@quantum-dice.com