

**Junior Hedging Analyst  
Farringdon, London**

MyLotto24 is a bookmaker of lotteries part of the wider Zeal Network SE Group. In essence we cover risk on high jackpots from major lotteries, such as German Lotto, EuroJackpot and EuroMillions. MyLotto24 only covers the risk while a number of partners actually sell bets on these lotteries. Evaluation of the risk of a lottery game is typically intractable and is estimated using Monte Carlo simulations. The simulations are performed in C++ and the results are analysed in R.

**Key Responsibilities:**

- ❖ Create risk models for lottery products
- ❖ Use Monte Carlo simulations to evaluate the risk for lottery products
- ❖ Create pricing structures and strategies for lottery products for B2B and B2C
- ❖ Cooperate in the placement of multimillion Capital Market and insurance transactions
- ❖ Contribute in the design of lottery games
- ❖ Cooperate on business planning providing support for statistical margin computations
- ❖ Independently collect data from the relevant departments and compute analyses required by the Managing Director

**Essential Skills/Experience/Qualifications:**

- ❖ BSc or MSc degree in Statistics (or relevant field)
- ❖ Experience with working with datasets, identifying patterns and modelling findings into a statistical model
- ❖ Proficient in the R programming language
- ❖ Basic knowledge of the C++ programming language
- ❖ Microsoft Excel, PowerPoint, Word
- ❖ Willingness to learn
- ❖ Can do attitude

**Desired:**

- ❖ Working knowledge of the LaTeX typesetting system

**Remuneration & Benefits**

In addition to a competitive salary the package offers;

- ❖ Annual performance related bonus of 10% for achieving targets (30% Company related, 70% personal performance driven)
- ❖ Group personal pension whereby the Company contributes 5% of basic salary following successful completion of probation period (backdated to start date) + up to a further 5% maximum Company contribution to match personal contributions, following probation
- ❖ Personal private medical insurance with BUPA following successful completion of probation period
- ❖ 28 days annual leave plus public holidays
- ❖ Interest free annual season ticket loan upon successful completion of the probation period
- ❖ Life Assurance (4x basic salary) from day 1
- ❖ Childcare vouchers from joining
- ❖ New and quirky offices based in Farringdon offering coffee machines, fridge, vending machine, fresh fruit, bean bags, Green area, table tennis, foosball and X-box facilities
- ❖ A full breakfast provided every Monday morning

- ❖ Annual staff events and regular social events
- ❖ Very friendly, professional and sociable environment