

Maths Analyst

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Company: QiStaff Solutions

Location: Bangor

Category: computer-and-mathematical

Maths Analyst

Based - Bangor, Gwynedd

Salary up to - £26,000k pa

See applied probabilities come to life as your work plays out on the casino floor. Casino gaming is more exciting than ever, with many games looking like action-packed video games. As Math Analyst, you'll get a hands-on preview of these exciting new games before they hit the market. Working closely with the Engineering team, the Math Analyst devotes their time to finding solutions and fixing mistakes to ensure that each game works properly. This position is an entry-level opportunity for a graduate with a math background to apply their knowledge of probability, statistics and programming into a real-world application and working in standard game analysis, strategy game analysis, and/or random number generator (RNG) analysis.

Our client has been in the gaming industry for over 30 years but pride themselves on looking forward. We are on the cutting edge of casino gaming technology and regulation, guiding clients through a dynamic, ever-changing landscape. We offer the stability of a global leader to both our clients and employees around the world.

This role is an office based role located in Bangor, North Wales

The Math Analyst's main focus will be on the following:

Testing and Math Analysis

- * Writing programs and performing other analyses to calculate needed mathematical features of games.
- * Writing programs or scripts to manipulate, parse or reorganize large data files into standard formats for testing.
- * Conducting and interpreting statistical testing on game simulation results and on RNG data.
- * Reading and interpreting jurisdictional requirements, consulting appropriately for interpretation.

Reviewing and Documenting

- * Reading and modifying programs and analyses developed by others to meet testing needs.
- * Reviewing, understanding, and documenting source code written in various languages.
- * Writing project reports by summarizing the testing conducted and the results.
- * Carefully reviewing analysis work conducted by others for accuracy.

Communicating Externally and Internally

- * Working with external clients, communicating professionally and courteously on topics of a technical nature
- * Effectively communicating and collaborating with other members of the Math Department

and other employees

Experience, Education, Skills and Credentials:

- * Bachelor's degree in Mathematics, Statistics, Computer Science, or a closely related discipline

- * Experience of Groovy and Regular Expression (Regex).

- * Associate degree in Mathematics, Statistics, Computer Science, or 2+ years of equivalent experience may be considered; Certification, formal training, or experience may also be evaluated and considered in lieu of educational requirements

- * Must have knowledge of Probability, Statistics, and Combinatorics

- * Knowledge of a modern, object-oriented programming language such as C++, including appropriate use of object-oriented design is required

- * Must have an understanding of core programming concepts and techniques

- * Knowledge of Microsoft Excel is required

- * Must have the ability to communicate, both orally and written, with other members of the team and external contacts

- * Ability to handle and organize multiple projects and deadlines is required

- * Must demonstrate a high degree of attention to quality, details, and correctness

- * Must be able to pass a thorough background investigation

This job description should not be interpreted as all-inclusive; it is intended to identify major responsibilities and requirements of the job. The incumbent may be requested to perform other job-related task and responsibilities than those stated above

#INDP

Job Type: Full-time

Salary: From £23,000.00 per year

Benefits:

* Company pension

* Cycle to work scheme

* On-site parking

Education:

* Bachelor's (preferred)

Ability to Commute:

* Bangor, Gwynedd (required)

Ability to Relocate:

* Bangor, Gwynedd: Relocate before starting work (required)

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