

Gaming Mathematician

Key Performance Competencies

Dependability
Adaptability / Flexibility
Creativity / Continuous Improvement
Problem Solving / Decision Making

Duties and Responsibilities

Develop and proof math models for casino games
Port math models for various jurisdictions
Analyze and project game play characteristics
Develop reports to illustrate the results and findings to others
Interface with regulatory agencies to certify each math model.
Maintain, update, and organize pay tables and related information
Perform other duties as assigned

Required Skills

A strong understanding of probability and its application to games of chance
Proficient in C++ and/or C#
Competent with MS SQL
Skilled in Microsoft Office (specifically Excel including the use of VBA and Macros)
Ability to complete assignments with little supervision
Attention to detail is very important
Good oral and written communications
Solid planning and organizing skills
Strong interpersonal skills

Experience

Bachelor's degree in mathematics and/or statistics
3-6 years designing casino math for the Class II and/or Class III gaming markets preferred

Benefits

Competitive salary
Medical coverage
Dental coverage
10 paid holidays
3 weeks of vacation / personal time
IRA with matching contributions
Casual work environment