

COMPANY NAME:

Prudential

JOB TITLE:

Entry Level Actuarial Associate

DESCRIPTION/RESPONSIBILITIES:

This position is for a vacancy in the Development and Platform unit in the Actuarial Analysis and Modeling area. The unit is responsible for supporting the Financial Modeling and Product Pricing teams for building, enhancing, maintaining and analyzing the models used for various purposes. In more detail, our responsibilities are front-end and back-end software development, system design and implementation, project management and maintenance of grid computing environment.

The Financial Modeling areas have five primary areas of emphasis:

- * GEM Forecasting: GAAP & Statutory earnings projections, used as a major part of the quarterly Multi-Quarter Forecasts
- * AAT: Asset Adequacy Testing, a statutory & regulatory requirement to test whether assets backing liabilities are adequate to pay for future obligations
- * EC: Economic Capital, a measurement of available and required capital based on market consistent balance sheet approach.
- * Embedded Derivative Valuation, which measures liability for the No-Lapse Guarantee Reinsurance which is classified as embedded derivative in GAAP accounting.
- * Capital Management, a test sufficiency of economic reserves and capital for Term XXX and UL AXXX securitizations.

The Product Pricing area's main responsibilities include product pricing/re-pricing, product profitability, and embedded value analysis. The unit is also responsible for DCS, regulatory testing of the in-force products.

The Candidate will be trained in:

- * Visual Basic, Advanced Microsoft Excel and Access, Microsoft SQL server
- * The financial projection software used by the areas
- * Basic insurance concepts
- * Basic actuarial projection concepts

The Candidate will be encouraged to pursue at least one of the following career paths:

- * Microsoft Certified Application Developer/Solution Developer/Database Administrator (MCAD, MCSA, MCDBA)
- * Fellow, Life Management Institute (FLMI)
- * Fellow of the Society of Actuaries (FSA), Associate of the Society of Actuaries (ASA)

REQUIRED SKILLS:

Education:

- * B.A./B.S. in Mathematics, Actuarial Science or Computer Science.

Math Course work:

- * Calculus I & II and Linear Algebra courses are required
- * At least one college level algebra course beyond Linear Algebra is required.

- * Numerical Analysis, Probability Theory or Statistics will be a strong plus.
- * Mathematical Logic or Discrete Math will be a plus.

Computer Skills:

- * Comfortable with Microsoft Windows environment.
- * Adequate Experience with Microsoft Excel, Word, and Access is required.
- * Programming Experience in any computer languages is preferred (e.g. Visual Basic, C++, etc.).
- * Course work in Program Design and Data Structures is a plus.
- * Ability and willingness to learn new programming languages/technologies is a must.

Other Skills:

- * Strong quantitative problem solving skills.
- * Strong analytic and research skills.
- * Communication skills (Reading, Writing and Listening).
- * Ability to manage multiple assignments.
- * Social, Motivational skills and ability to overcome tough situations.

To apply for this position, copy/paste the following URL into your browser:

http://ars2.equest.com/?response_id=8f628f35e6ee19813a9765103f598bc9