Quantitative Modeling Opportunities for Students and Fresh Graduates

(Internship and Graduate opportunities)

In spring 2006, Morgan Stanley established a Mathematical Quantitative Modeling Centre in Budapest that provides quantitative analysis to support the firm's global Fixed Income trading business. The decision to locate the Centre in Budapest was based on the outstanding traditions in quantiative scence in Hungary, the high-quality talent available, and the overwhelming support of the academic community.

QUANTITATIVE TEAMS IN BUDAPEST

MARKET MODELING (for candidates with Applied Math, Physics, Financial Math, Computer Science background)
The Market Modeling Group develops and implements quantitative models, algorithms, and analytics tools to calculate market prices and risk sensitivities for Interest Rate, Corporate Credit, Mortgage-Backed and Equity derivatives. Some of their assignments require extensive analysis of data collected from various firm systems about market indicators, market quotes and firm positions.

Please submit your application for Qunatitative Developer Internship Spring 2015 (Budapest-Hungary) or Qunatitative Developer (Budapest-Hungary)

CORE ANALYTICS (for candidates with Applied Math, Physics, Computer Science or Engineering background)
The Core Analytics team implements mathematical and statistical models, and develops numerical algorithms for the pricing of financial instruments and model calibration. The software produced by the team are used in risk systems, real time trading systems, and in spreadsheets supporting trading activity. Our work involves various fields of numerical and discrete mathematics such as optimization, linear algebra, probability theory, formal languages, graph theory, statistics, and machine learning.

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STRUCTURING (for candidates with Economics, Finance, Applied Math, Financial Math)
The Securitized Products Structuring team is involved in analytical processes regarding several fixed income products with special focus on Asset-Backed Securities (ABS) and Mortgage-Backed Securities (MBS). Structurers build computational models to help issuers and investors optimize a transaction's economics and quantify sources of value and risk. The team has exposure to both the primary and the secondary markets of these products.

Please submit your application for Securitized Products Structuring Internship – Spring 2015(Budapest-Hungary) or Securitized Products Structuring Analyst (Budapest-Hungary)

INTERNSHIP OPPORTUNITITIES

Year-round Internship Programme	Summer Internship Programmes:
• Programme runs in Spring and Fall (start date in Spring – January-March, in Fall –October-November) • Application deadline: we accept applications on an on-going basis upon demand • Flexible work time, full time or part time work is also possible (20 or 30 hours a week) • Competitive salary	• Start: end of June • Application deadline: end May • 10-week-long full time internship program • Competitive salary

GRADUATE OPPORTUNITIES:

If you are final year student or just graduated please visit the career site as we have number of openings for you: www.morganstanley.com/careers.

QUALIFICATIONS/SKILLS/REQUIREMENTS

• You have or are studying towards an B.Sc., M.Sc. or Ph.D. in mathematical finance, applied mathematics, physics, statistics, engineering, computer science and/or informatics
• You have strong analytic skills, and learned about probability theory, stochastic calculus, statistics, partial differential equations and numerical analysis.
• You have experince with computer programming skills, including any of the following languages: Java, C++, C#, Matlab, Scala.
• You have interest in the financial markets and have the drive and desire to work in an intense, team-oriented environment.
• You are able to communicate effectively in both written and verbal English.

APPLICATION PROCESS AND DEADLINES: Students must apply online at www.morganstanley.com/careers. Application deadlines differ for each programme; please refer to the available job descriptions on our website.

CONTACTS: For questions, contact budapest.recruitment@morganstanley.com .

POSITION NUMBERS:

Securitized Products Structuring Internship - Spring 2015 (Budapest-Hungary) – **134084**
Quantitative Developer Internship - Spring 2015 (Budapest-Hungary) – **134083**
Securitized Products Structuring Analyst for Graduates (Budapest-Hungary) - **3034392**
Quantitative Developer for Graduates (Budapest-Hungary) - **3034373**