

New mathematics / physical sciences positions at <http://jobs.phds.org>, Jan 07, 2008

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- *From:* PhDs.org <webmaster@xxxxxxxx>
 - *Date:* Mon, 07 Jan 2008 05:00:04 -0600
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There are new job listings at <http://jobs.phds.org>

Title: Technical Editor
Department: Gems & Gemology
Employer: Gemological Institute of America
Location: Carlsbad, CA, United States
Posted: Jan 04

Information Summary: The Gemological Institute of America seeks an experienced Technical Editor to facilitate the editing and production of high-quality technical materials for Gems & Gemology, an award-winning professional journal, and other...

Full details:

<<http://jobs.phds.org/job/4420/gemological-institute/technical-editor>>

Title: Sr. Quantitative Analyst – Fixed Income Asset Management
Employer: Top Tier Fixed Income Asset Management Firm
Location: New York, NY, United States
Posted: Jan 04

We are searching for a talented Senior Quantitative Analyst with a minimum of 7–10 years of solid experience in the fixed income asset management – investment industry. Buy-side experience is preferred. This opportunity is with one of the top fixed...

Full details:

<<http://jobs.phds.org/job/7092/top-tier-fixed-income/sr-quantitative-analyst>>

Title: MARKET RISK QUANTITATIVE ANALYST/NEW YORK
Employer: Premier U.S. Investment Bank
Location: New York, NY, United States

Posted: Jan 04

Premier U.S. Investment Bank seeks an outstanding Market Risk Quantitative Analyst to join the New York team. Ideal candidate will have a PhD in Mathematics or Physics, strong derivatives knowledge and C++ programming ability. This individual will be...

Full details:

<http://jobs.phds.org/job/7091/premier-u-s-investment/market-risk-quantitative>

Title: Quantitative Macro Strategist (238162-731)

Employer: Stark Investments

Location: Stamford, CT, United States

Posted: Jan 04

Opportunity Stark's Quantitative trading team is relocating to Stamford, Connecticut in order to build out Stark's Quantitative Currency/Macro Fund. The Firm is committed to growing and building out a world class quantitative enterprise. As such we...

Full details:

<http://jobs.phds.org/job/7090/stark-investments/quantitative-macro-strategist>

Title: Scientist

Department: Pricing Science

Employer: Zilliant

Location: Austin, TX, United States

Posted: Jan 04

The primary role of this position is to ensure that the segmentation, demand modeling and optimization capabilities of Zilliant's products are effectively exploited during implementation, so that the client will achieved the expected benefits and...

Full details:

<http://jobs.phds.org/job/7089/zilliant/scientist>

Title: Senior Scientist

Department: Pricing Science

Employer: Zilliant

Location: Austin, TX, United States

Posted: Jan 04

The primary role of this position is to provide leadership in the

design and execution of the scientific modeling employed in Zilliant's products and delivered solutions, to ensure that the techniques and methods are appropriate, effective and...

Full details:

<http://jobs.phds.org/job/7088/zilliant/senior-scientist>

Title: Junior Desk Quant/FX Strategist

Employer: Leading London based investment bank

Location: London, England, United Kingdom

Posted: Jan 04

A leading London based investment bank is looking for new PhDs with excellent quantitative skills to join its FX Strategy team. This is an exciting opportunity for new Quants looking to get into the market. Responsibilities of the role will include: *...

Full details:

<http://jobs.phds.org/job/7087/leading-london-based/junior-desk-quant-fx>

Title: Head Interest Rate Quantitative Analyst

Employer: Leading International Bank

Location: London, England, United Kingdom

Posted: Jan 04

International bank seeking strong Quant to join their Quant structuring group... This position will involve working with trading and quant teams developing and testing new exotics products and modern risk management techniques. The role will require...

Full details:

<http://jobs.phds.org/job/7086/leading-international/head-interest-rate-quantitative>

Title: Senior Quant Developer

Employer: Premier London Investment bank

Location: London, England, United Kingdom

Posted: Jan 04

A tier One London based Investment bank has a position open for a Senior Quantitative Developer. My client is seeking to hire a highly skilled individual who has extensive knowledge of C++ development to join their fixed income global analytics team...

Full details:

<<http://jobs.phds.org/job/7085/premier-london-investment/senior-quant-developer>>

Title: Exotic Interest Rate Derivatives (Front office)/ Quantitative Analyst
Employer: Highly successful U.S. investment bank – excellent remuneration
Location: London, England, United Kingdom
Posted: Jan 04

My client is looking for a truly exceptional individual to fill this exciting and important position. The successful candidate will become an integral part of the team – acting as a key point of liaison with the exotics trading desk, working with the...

Full details:

<<http://jobs.phds.org/job/7084/highly-successful-u-s/exotic-interest-rate>>

Title: Mid-level IR/FX Quant Hire – PhDs needed!
Employer: Top Investment Bank – Fantastic compensation
Location: London, England, United Kingdom
Posted: Jan 04

This multinational group is looking for a first class Quant Analyst with a solid work experience and a PhD degree from a top university to work closely with interest rate/FX derivatives desk. You must be able to work under pressure and ideally thrive...

Full details:

<<http://jobs.phds.org/job/7083/top-investment-bank-fantastic/mid-level-ir-fx-quant>>

Title: Entry Level Equities Quant
Employer: Tier 1 Investment Bank
Location: London, England, United Kingdom
Posted: Jan 04

World renowned investment house with one of the most prestigious equity derivatives quant teams in the market is seeking to strengthen their platform with a top class junior quant analyst. You will be responsible for the delivery of all equity...

Full details:

<<http://jobs.phds.org/job/7082/tier-1-investment-bank/entry-level-equities>>

Title: Top class PhD for Entry Level IR Quant

Employer: Tier One US Investment House, London Office
Location: London, England, United Kingdom
Posted: Jan 04

Tier One bank is now seeking a talented junior quant to join their existing IRD team in Q1. You will be responsible for the delivery of all interest rate products and related hybrids/exotics. You will be working in close conjunction with traders and...

Full details:

<<http://jobs.phds.org/job/7081/tier-one-us-investment/top-class-phd-for-entry>>

Title: Statistical Arbitrage Trader, London
Employer: Global hedge fund
Location: London, England, United Kingdom
Posted: Jan 04

Top international hedge fund seeking quant trader to join their rapidly expanding Stat Arb team in London. You will work closely with the stat arb team to manage algorithmic trade execution. You will work with the quant research team to model...

Full details:

<<http://jobs.phds.org/job/7080/global-hedge-fund/statistical-arbitrage>>

Title: A top US house looking for a Quantitative Researcher to work on Their HK Electronic Trading desk.
Employer: Investment Bank
Location: Central, Hong Kong, Hong Kong
Posted: Jan 04

A top US trading house is actively looking for a talented academic to work on their HK fixed income desk. Working closely with the traders, you will conduct statistical research within the highly technical and numerate world of high frequency...

Full details:

<<http://jobs.phds.org/job/7079/investment-bank/a-top-us-house-looking>>

Title: Strong OO Programmers for Entry-Level Quant Position
Employer: Top Tier European Investment Bank
Location: London, England, United Kingdom
Posted: Jan 04

My client, a Tier 1 investment bank, is looking to find an

exceptional quant to work across their Fixed Income division. You will be responsible for implementing new platforms across their rates, foreign exchange and credit asset classes and will...

Full details:

<http://jobs.phds.org/job/7078/top-tier-european-investment/strong-oo-programmers>

Title: Entry Level IR & FX Quants, London
Employer: Tier 1 US Investment Bank
Location: London, England, United Kingdom
Posted: Jan 04

A top tier US investment bank has exclusively mandated me to find the very best junior quants on the market for their rates and foreign exchange quants desks. You will be responsible for delivering models for all rates/FX derivatives and will also be...

Full details:

<http://jobs.phds.org/job/7073/tier-1-us-investment/entry-level-ir-fx-quants>

Title: Postdoctoral Position in Probability and Stochastic Processes
Employer: Koc University
Location: Istanbul, Ostanbul, Turkey
Posted: Jan 04

Candidates with a background in Levy processes are sought, for a research program analyzing relevant properties and/or applications in finance or stochastic networks.

Full details:

<http://jobs.phds.org/job/7072/koc-university/postdoctoral-position>

Title: Postdoctoral Appointee, X-Ray Science Division
Employer: Argonne National Laboratory
Location: Argonne, IL, United States
Posted: Jan 04

XPCS is an important technique for studying the dynamic of nanostructures and nanocomposites in the bulk and at surfaces and interfaces. Beamline 8-ID/XOR at Advanced Photon Source at Argonne National Laboratory is dedicated to the study of...

Full details:

<http://jobs.phds.org/job/7069/argonne-national-laboratory/postdoctoral-appointee>

Title: Quantitative Equity Analyst
Employer: Zacks Investment Management
Location: Chicago, IL, United States
Posted: Jan 03

\$ 1.5 B money manager located in Chicago is expanding its quantitative investment processes and is looking for PhD in Finance with experience successfully managing US equity portfolios using quant models Send resume to len@xxxxxxxxx

Full details:

<http://jobs.phds.org/job/1842/zacks-investment-management/quantitative-equity-analyst>

Title: SENIOR ANALYST/RISK ANALYSIS & RESEARCH
Employer: Integrated Management Resources, Inc.
Location: Boston, MA, United States
Posted: Jan 03

Major Investment Manager seeks a Senior Analyst to support a Risk Analysis and Research group. Candidate must have strong quantitative and computer skills, in addition to 5-7 years work experience at an investment bank or related institution in...

Full details:

<http://jobs.phds.org/job/4365/integrated-management/senior-analyst-risk-analysis>

Title: Quantitative Analyst
Employer: Comprehensive Recruiting
Location: Chicago, IL, United States
Posted: Jan 03

Global Investment Bank is looking to add a senior quantitative analyst to their Global Financial Research team in Chicago. This person will be part of a team that is responsible for innovation, model enhancement, quantitative solutions and cutting...

Full details:

<http://jobs.phds.org/job/7060/comprehensive-recruiting/quantitative-analyst>

Title: Risk Modeling
Employer: Comprehensive Recruiting
Location: New York, NY, United States
Posted: Jan 03

This person will focus on the development and implementation of Rating Templates, Probability of Default (PD), Loss Given Default (LGD), and Exposure At Default (EAD) modelling methodologies as part of the ongoing enhancement of credit models for...

Full details:

<http://jobs.phds.org/job/7059/comprehensive-recruiting/risk-modeling>

Title: Quantitative Analyst – Energy
Employer: Comprehensive Recruiting
Location: Houston, TX, United States
Posted: Jan 03

Global Energy Risk Mangement Consultancy firm is looking to add a Quantitative Analyst to their Trading and Risk Management group based in Houston, Texas. On a daily basis this person will be responsible for helping develop analytical models for...

Full details:

<http://jobs.phds.org/job/7058/comprehensive-recruiting/quantitative-analyst>

Title: Quantitative Analyst
Employer: Comprehensive Recruiting
Location: Milwaukee, WI, United States
Posted: Jan 03

Leading Hedge Fund is looking to add a senior quantitative analyst to their Global Financial Research team in Milwaukee, WI. This person will be part of a team that is responsible for innovation, model enhancement, quantitative solutions and cutting...

Full details:

<http://jobs.phds.org/job/7057/comprehensive-recruiting/quantitative-analyst>

Title: Quantitative Analyst/Developer
Employer: Comprehensive Recruiting
Location: Boston, MA, United States
Posted: Jan 03

The person in this role will implement new investment valuation models and maintain previously built models as a member of the quantitative analysis group. Candidates will have tremendous growth potential, as they will be joining a small and growing...

Full details:

<http://jobs.phds.org/job/7056/comprehensive-recruiting/quantitative-analyst>

Title: CREDIT OR INTEREST RATE DERIVATIVE QUANTITATIVE ANALYST

Employer: Integrated Management Resources, Inc.

Location: London, England, United Kingdom

Posted: Jan 03

Premier International Bank seeks an outstanding Credit or Interest Rate Derivatives Quantitative Analyst to grow the global model validation team. Candidates with an outstanding education in a scientific field, preferably a PhD, along with credit or...

Full details:

<http://jobs.phds.org/job/164/integrated-management/credit-or-interest-rate>

Title: CREDIT DERIVATIVES QUANTITATIVE ANALYST

Employer: Integrated Management Resources, Inc.

Location: New York, NY, United States

Posted: Jan 03

Premier Investment Bank seeks an experienced Credit Derivatives Quantitative Analyst. Ideal candidate will possess 4+ years of hands-on experience in the implementation of recent credit derivatives models using C++. Must have technical understanding...

Full details:

<http://jobs.phds.org/job/760/integrated-management/credit-derivatives-quantitative>

Title: AVP / VP LEVEL QUANTITATIVE ANALYST FOR VALUATION RISK GROUP

Employer: Integrated Management Resources, Inc.

Location: New York, NY, United States

Posted: Jan 03

AVP / VP position with TOP TIER Investment Bank seeks Quantitative Analyst for Valuation Risk Group. Must have 2 years experience in finance / interest rate product, credit model review. This opportunity allows for application of quantitative...

Full details:

<http://jobs.phds.org/job/163/integrated-management/avp-vp-level-quantitative>

Title: CREDIT DERIVATIVES QUANTITATIVE ANALYST

Employer: Integrated Management Resources, Inc.
Location: New York, NY, United States
Posted: Jan 03

Premier Investment Bank seeks an experienced Credit Derivatives Quantitative Analyst. Ideal candidate will possess 4+ years of hands-on experience in the implementation of recent credit derivatives models using C++. Must have technical understanding...

Full details:

<<http://jobs.phds.org/job/4257/integrated-management/credit-derivatives-quantitative>>

Title: QUANTITATIVE ANALYST / FI DERIVATIVES

Employer: European Investment Bank
Location: New York, NY, United States
Posted: Jan 03

Premier European Investment Bank is looking for an outstanding Quantitative Analyst to join the Fixed Income Derivatives Front Office Quantitative Analysis team. This team develops and implements trading models, and risk manages trades for interest...

Full details:

<<http://jobs.phds.org/job/4929/european-investment-bank/quantitative-analyst>>

Title: Postdoctoral position in Artificial Intelligence for Space Applications

Employer: Advanced Concepts Team (ESA)
Location: Noordwijk, Netherlands
Posted: Jan 03

The European Space Agency's Advanced Concepts Team (ACT) is currently looking for highly motivated young researchers in the area of artificial intelligence, with good analytical and communicational skills and excellent aptitude for team work. The...

Full details:

<<http://jobs.phds.org/job/7045/advanced-concepts-team/postdoctoral-position>>

Title: Postdoctoral Appointee, Leadership Computing Facility

Employer: Argonne National Laboratory
Location: Argonne, IL, United States
Posted: Jan 03

As a member of the Argonne Leadership Computing Facility (ALCF), this person will draw on knowledge of high performance computational science to introduce new techniques that substantially improve the performance or range of science and engineering...

Full details:

<http://jobs.phds.org/job/7051/argonne-national-laboratory/postdoctoral-appointee>

Title: FX Options Quant
Employer: Investment Bank
Location: London, England, United Kingdom
Posted: Jan 03

One of the worlds leading global investment bank is looking to hire a top level quant into their FX Options Quant team based on the floor along side the traders. There is an excellent team spirit amongst this group of quants and traders and this is...

Full details:

<http://jobs.phds.org/job/7050/investment-bank/fx-options-quant>

Title: Desk Quant Developer for Swaps and FX desk
Employer: Investment Bank
Location: London, England, United Kingdom
Posted: Jan 03

Is clients is a rapidly growing investment bank who have one of Europe's largest balance sheets that they wish to invest in the markets through a range of trading units across FX, Rates, Credit covering vanilla through to exotic instruments. The...

Full details:

<http://jobs.phds.org/job/7049/investment-bank/desk-quant-developer>

Title: Exotic Equity Derivatives Desk Quant
Employer: Investment Bank
Location: London, England, United Kingdom
Posted: Jan 03

An excellent and rare opportunity has arisen for a desk quant at one of the leading global investment banks. The global head of Equity Derivatives trading is looking to build a quantitative capability to work along side the traders assisting with...

Full details:

<<http://jobs.phds.org/job/7048/investment-bank/exotic-equity-derivatives>>

Title: Junior FX Derivatives Quant
Employer: Investment Bank
Location: London, England, United Kingdom
Posted: Jan 03

Our client is one of Europe's premier investment banks. Over 2007 they have been growing and expanding their investment banking arm, acquiring 2 major European banks. The FX Options quant team has been very busy during 2007 developing sophisticated...

Full details:

<<http://jobs.phds.org/job/7047/investment-bank/junior-fx-derivatives>>

Title: Quantitative Developer – FX and Hybrid Derivatives
Employer: Investment Bank
Location: London, England, United Kingdom
Posted: Jan 03

A leading UK investment bank is currently looking for a Quantitative Developer to join its FX & IR Hybrid Derivatives Trading group in building a new quantitative platform to support the pricing and trading of complex derivatives and their hedges....

Full details:

<<http://jobs.phds.org/job/7046/investment-bank/quantitative-developer>>

Title: Senior Electrochemist
Employer: Venture-Backed Alternative Energy Startup Company
Location: Sonoma County, CA, United States
Posted: Jan 02

Our client is seeking an energetic, hands-on, self-directed senior electrochemist to help develop innovative electrochromic thin film materials and processes. Required qualifications: 5+ years experience in electrochemistry, specifically in the...

Full details:

<<http://jobs.phds.org/job/5890/venture-backed-alternative/senior-electrochemist>>

Title: Postdoctoral position in theoretical nanoelectronics
Department: Dept. of micro and nanotechnology (MIC)
Employer: Technical University of Denmark (DTU)
Location: Lyngby, Denmark
Posted: Jan 02

Postdoctoral Position: THEORY OF TRANSPORT IN NANOCONDUCTORS: ENERGY-DISSIPATION AND INDUCED ATOMIC DYNAMICS A postdoctoral position (2 years) is available within theory/simulation of electron transport in nano-scale conductors. The position is with...

Full details:

<http://jobs.phds.org/job/7043/tech-univ-of-denmark/postdoctoral-position>

Title: Equity Options Quant Developer
Employer: OmniOne
Location: Chicago, IL, United States
Posted: Jan 02

My client is looking for a C++ developer who has the knowledge of theoretical pricing based upon implied volatility and the mathematics that go into pricing model. This is a permanent position with benefits. You will spend part...

Full details:

<http://jobs.phds.org/job/7044/omnionone/equity-options-quant>

Title: Quantitative Analyst – 1+ years experience or Ph.D graduate with finance internship
Department: Quantitative Research / Hybrid Trading Desk
Employer: JPMorgan Chase
Location: New York, NY, United States
Posted: Jan 02

Requirements: –PhD in Quantitative Field, –1+ year work experience within Finance or Finance Internship – C++ developing skills – Knowledge of derivatives pricing(John C. Hull) –Strong Mathematics skills preferred.. – Excellent communication skills(...

Full details:

<http://jobs.phds.org/job/7042/jp-morgan-chase/quantitative-analyst>

Title: A top US house looking for a Quantitative Researcher to work on Their HK Electronic Trading desk

Employer: Top Tier Investment Bank
Location: Hong Kong, Hong Kong
Posted: Jan 02

A top US trading house is actively looking for a talented academic to work on their HK fixed income desk. Working closely with the traders, you will conduct statistical research within the highly technical and numerate world of high frequency...

Full details:

<<http://jobs.phds.org/job/7041/top-tier-investment-bank/a-top-us-house-looking>>

Title: Tier 1 Global House requires Quant Analysts
Employer: Top Tier Investment Bank
Location: Central District, Hong Kong, Hong Kong
Posted: Jan 02

This is a great opportunity to work in an elite team. You will be exposed to various aspects of the business and communicate with the traders on a regular basis. You will be working on the most innovative and exotic products. It is a fantastic...

Full details:

<<http://jobs.phds.org/job/7040/top-tier-investment-bank/tier-1-global-house-requires>>

Title: A Top European House seeking 2 Quant Developers
Employer: Top Tier Investment Bank
Location: Hong Kong, Hong Kong
Posted: Jan 02

A top expanding European house is seeking 2 Quant Developers join their fixed income desk in Hong Kong. As an ideal candidate, you must have a PhD in physics, math, quantitative finance or related quantitative field. You must possess strong...

Full details:

<<http://jobs.phds.org/job/7039/top-tier-investment-bank/a-top-european-house>>

Title: A leading European House has an immediate vacancy for a Quant Analyst in their Hong Kong Desk
Employer: Top Tier Investment Bank
Location: Hong Kong, Hong Kong
Posted: Jan 02

This is an entry-level position in the Fixed Income team. The

ideal candidate will have a first-class PHD or equivalent from a well-known institution, in Math, Physics or Engineering subject. You will have excellent programming skills (C++, Matlab,...

Full details:

<<http://jobs.phds.org/job/7038/top-tier-investment-bank/a-leading-european-house>>

Title: A top-tier US Investment Bank Looking for Junior Quant Analyst for growing Asia desk

Employer: Top Tier Investment Bank

Location: Hong Kong, Hong Kong

Posted: Jan 02

A top-tier US investment bank is looking for junior Quant Analysts to join their growing Fixed Income Quant Team. This is an elite team, therefore, the ideal candidates must possess a PHD from a top institution in a quantitative subject, such as...

Full details:

<<http://jobs.phds.org/job/7037/top-tier-investment-bank/a-top-tier-us-investment>>

Title: Quantitative Analyst Counterparty Risk Analytics

Employer: Global Investment Bank

Location: London, England, United Kingdom

Posted: Jan 02

My client, a leading US investment bank, is looking to add a Quantitative Analyst to their Counterparty Risk Analytics team. They are a leading investment bank and are looking for a Quant to join their team. They develop, validate and enhance...

Full details:

<<http://jobs.phds.org/job/7036/global-investment-bank/quantitative-analyst>>

Post your job (free!): <http://jobs.phds.org/jobs/post>

PhDs.org: Science, Math, and Engineering Career Resources

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– Reach tens of thousands of Ph.D.s each month

* Graduate School Rankings: <http://graduate-school.phds.org/>

– Comprehensive, customizable rankings of graduate programs

- * Career Resources: <http://www.phds.org/>
- Pointers to the best resources on the web for:
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 - + writing your dissertation
 - + jobs for Ph.D.s in academia and industry

- * Engineering Science Weblog: <http://blog.phds.org/>
- Building better scientists and engineers