MINA MIRSHAHI

Address: Flat 13, 21 Woodside Avenue, N12 8AQ
Email: mina.mirshahi@qmul.ac.uk
Phone: +44 (0)7376286643

PERSONAL PROFILE

A PhD candidate in Finance at Queen Mary University of London (QMUL) and investment risk analyst intern at Invesco. Highly attracted to rigorous opportunities in investment banking sector where knowledge of asset pricing models will be required. Analytical and result-oriented finance researcher who consistently meets deadlines in delivering high quality finance research projects.

KEY SKILLS

- Asset pricing modeling
- Risk management
- Variance analysis
- Portfolio optimization

EDUCATIONAL BACKGROUND

Feb 2017- Present **PhD Finance**
Queen Mary University of London (QMUL), UK
PhD thesis: How does options market react to macroeconomic news?

Sep 2016- Sep 2017 **MRes in Finance**
Queen Mary University of London, UK
Modules: Financial Economics, Macroeconomics
MRes dissertation: How Does political uncertainty affect option prices?

Sep 2013- Sep 2015 **M.Sc. Mathematical Finance (with Distinction)**
Queen Mary University of London, UK
Modules: Portfolio Theory and Risk Management, Foundations of Mathematical Modeling in Finance, Stochastic calculus and Black-Scholes Theory, Investments, Time Series Analysis, Computation Methods in Finance, Financial Derivatives, Advance Asset Pricing and Modeling.
MSc dissertation: Directional Way Risk in Credit Value Adjustment, using Monte Carlo simulation in C++.

2006-2010 **BSc Industrial Engineering, Ferdowsi University of Mashhad, Mashhad, Iran**
Main modules: Operations Research, Statistics, Probability Theory and Applications, Statistical Quality Control, Production and Inventory Control, Production Planning, Engineering Economy, Macroeconomics, Quality Management, Computer Information System, Project Control.
Final Project: Industrial feasibility study of polyethylene pipe productions (85/100)

Sep 2006 **Diploma of Mathematics & Physics (GPA: 99/100)**
National Organization for Development of Exceptional Talents (NODET), Mashhad, Iran

TEACHING EXPERIENCES

Sep 2017- Present **Options and Futures tutor –** Queen Mary University of London
- Pricing financial derivatives.

Sep 2018- Present **Capital Markets tutor –** Queen Mary University of London
- Portfolio optimization.

PROFESSIONAL EXPERIENCES

Nov 2018- Present **Investment Risk Analyst Intern**
Invesco Ltd., UK
- Participate in the enhancement and automation of the different processes, with a focus on implementation and control in relation to quantitative methods
- Analysis of risk results (markets risks, liquidity, leverage, counterparty)
- Support in the production of the risk reports based on different data sources, with a focus on automation
- Support in the different model validation exercises (including on market risk and liquidity risk measurement)

Feb 2014 – Sep 2016 **Finance Analyst, Marketing & Communication directorate**
Queen Mary University of London, UK
- Experienced in budgeting, forecasting, analysis and reporting of £1.5m for 13 cost centers in the directorate.
- Saved £20k for the directorate through precise monthly reconciliation.
- Improved the financial controlling and reporting systems by efficient use of spreadsheets, relational databases and statistical and graphics packages of Microsoft Office.
- Analyzed spending trends and developed metrics and informational reports for senior management. This results in higher accuracy, transparency and 50% time saving in reporting.

Sep 2011 – Sep 2013 **Graduate Project Coordinator, Eideh Consultancy**
Mashhad, Iran
- Derived key initiatives that optimize business performance and mitigate business risks.
- Contributed to scheduling the construction projects, forecasting the required budget, tracking team expenses.
- Analyzed the relative costs and benefits of potential approaches to choose the most appropriate solutions.
- Communicated effectively with all levels of the project teams in order to monitor the progress of the project.
- Organized the complex activities of interrelated project teams and ensured that they are controlled, coordinated and linked into the overall business plan.

CERTIFICATIONS

- Microsoft Office Specialist in Excel 2013
- ISO 9001:2008 (Auditor training) - TÜV- Rheinland Group
- EFQM (Internal assessor training) - TÜV- Rheinland Group

PROFESSIONAL SKILLS

Languages: **English** (Fluent), **Persian** (Native), **Arabic** (Fair)
IT skills: Microsoft Office, LaTeX.
Statistical Software: Minitab, SPSS, eviews.
Programming: C++ under Visual Studio, VBA, Matlab, R, STATA.
Project Management: MSP, Primavera.

VOLUNTEER EXPERIENCE

May 2019 **Conference Organizer, 2nd QMUL Economics and Finance Workshop (EconFin2019).**
Queen Mary University of London
- Executed communications, event planning, budget, and logistics for 2-day PhD workshop.
- Created and monitored registration process for 100 attendees (programme).
- Cultivated and vetted over 40 applications, representing over 10 countries.
- Negotiated all room sales, catering, and banquet contracts with host hotel.

AWARDS & HONORS

2017 **QMUL Scholarship for PhD studies in Finance**
Queen Mary University London, UK

2016 **QMUL Scholarship for MRes studies in Finance**
Queen Mary University London, UK

2006 **Governmental Full Scholarship for Undergraduate studies at IUST**
Ranked top 0.1 % among +500,000 candidates
National University Entrance Exam in Science and Mathematics 2006 (Concours)

REFERENCES

Will be provided upon request.