

AMANDA KWOK

amanda.kwok@temple.edu

EDUCATION

Temple University, Philadelphia, PA
Doctor of Philosophy: Statistics

Current

Rutgers University, New Brunswick, NJ
Master of Science: Statistics

Carnegie Mellon University, Pittsburgh, PA
Dual Degree Bachelor's of Science: Statistics, Economics
Minor: Global Systems & Management
Science and Humanities Scholar

Stuyvesant High School, New York, NY
Specialized Science High School Diploma

Johns Hopkins University
CTY Goldman Sachs Scholar

RESEARCH INTERESTS

Experimental Design, Machine Learning, Artificial Intelligence

COURSEWORK

Data Mining	Real Analysis	Multivariate Analysis	Survival Analysis
Interpretation of Data	Linear Algebra	Regression Analysis	Design of Experiments
Artificial Intelligence	Theory of Probability	Theory of Statistics	Data Structures & Algorithms

PROFESSIONAL EXPERIENCE

MISYS – LOAN IQ, New York, NY

2008 – 2017

Enterprise Financial Software: Syndicated Lending

Product Owner & Senior Business Analyst: Subject Matter Expert – Regulatory Compliance

2011 – 2017

For the world's leading syndicated lending solution: Design and govern accuracy of system, prioritize backlog and roadmap, drive deep-dive assessments.

- Provided accuracy and designed and implemented solutions across multiple global jurisdictions as Subject Matter Expert on Tax, Regulatory and Compliance, allowing for compliance, risk management, and contributing to quality.
- Recognized in town hall for design and delivery of solution, enabling FATCA withholding and reporting integrated with domestic and international tax compliance for global top financial institutions.
- Guaranteed accuracy and designed and implemented solutions with expertise in Latin America, gaining entry and dominating the market.
- Contributed in deep-dive assessments with LSTA regulatory, Market Initiatives, and FPML Industry associations and working groups to address upcoming and future roadmaps and market needs.
- Managed and reconfigured system enhancement process, improving integration, assessment and tracking.
- Teamed with development to design and implement technology, including Online, Batch, and API for comprehensive and quality solutions.
- Provided statistics of emerging markets, build quality, and issue resolution to inform roadmap and prioritization.
- Managed emerging technology for largest client account, successfully continuing and growing the account.

Product Manager

2008

- Designed and implemented product data database to improve management of product, contracts, and sales.
- Performed statistical analysis of product to communicate and report to chief management

THE MITRE CORPORATION, McLean, VA

2003

Research & Development

Nanosystems Group Researcher: Carbon Nanotube Polymerization R&D

- Carbon nanotube polymerization R&D, with analysis of energy models
- Presented findings and evaluated methodology with Nobel Laureate and leading scientists in the field

SKILLS

Technical: R, SAS, Python, Java, C++, SDLC, Agile, Scrum, Kanban, Waterfall, Excel, FpML

Other: Surfing