

# Pattarapol Koosalapeerom

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## Education

- 2016 – 2017 **MS Quantitative Finance and Risk Management, University of Michigan**  
Key Courses: *Advanced Financial Mathematics, Stochastic Analysis for Finance*  
*Intro to Futures & Options Markets, C++ For Graduate Students*
- 2015 **Non-degree Study in Undergraduate Mathematics, Chulalongkorn University**  
Enrolled for 3 full semesters taking multiple mathematics courses, including  
*Multivariable Calculus, Probability Theory, Real Analysis, Linear Algebra, ODE, PDE*
- 2009 – 2011 **Bachelor of Accounting (Minor in Finance), Thammasat University**  
First Class Honors

## Experience

- 2020 – Present **Senior Dealer, Bangkok Bank PLC.**  
Liquidity Management Unit, Treasury Division
- 2018 – 2020 **Dealer, Bangkok Bank PLC.**  
Liquidity Management Unit, Treasury Division
- 2013 – 2015 **Assistant Fund Manager, One Asset Management Co., Ltd.**  
Equity Fund Management Department

## Skills

- Coding Python, VBA, C++, R, MATLAB, SQL
- Applications Reuters EIKON, Reuters FX Trading, Bloomberg, Jupyter Notebook, L<sup>A</sup>T<sub>E</sub>X

## Further Education

- edX **MicroMasters** Statistics and Data Science, MITx  
**XSeries** 6.00x Computational Thinking using Python, MITx  
**XSeries** 8.01x Introductory Mechanics, MITxs  
**XSeries** 8.02x Introductory Electricity and Magnetism, MITx  
**XSeries** 18.03x Differential Equations, MITx  
8.03x Vibrations and Waves, MITx  
8.04x Quantum Mechanics: A First Course, MITx  
15.071x The Analytics Edge, MITx  
15.415.1x Foundations of Modern Finance I, MITx  
15.481x Adaptive Markets, MITx  
16.00x Introduction to Aerospace Engineering, MITx  
24.118x Paradox and Infinity, MITx  
BEM1105x Pricing Options with Mathematical Models, CaltechX
- Coursera **Specialization** Algorithm, Stanford University  
**Specialization** Python for Everybody, University of Michigan  
Neural Networks and Deep Learning, deeplearning.ai  
Improving Deep Neural Networks, deeplearning.ai  
Machine Learning, Stanford University  
Introduction to Data Science in Python, University of Michigan
- HackerRank **Problem Solving** Gold. **Python** Gold. **C++** Bronze

## Awards

- 2018 Treasury Dealer Certification
- 2016 Bangkok Bank Scholarship – Full scholarship for studying a master's degree  
Bloomberg Market Concepts (BMC) Certificate of Completion