

Pattarapol (Tom) 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 FX Dealer.** Bangkok Bank, Treasury Division, Liquidity Management Unit
- 2018 – 2020 **FX Dealer.** Bangkok Bank, Treasury Division, Liquidity Management Unit
- 2013 – 2015 **Assistant Fund Manager.** One Asset Management, Equity Fund Management Dept.

Skills

- Coding Python, VBA, C++, R, MATLAB, SQL
- Applications Reuters EIKON, Reuters FX Trading, Bloomberg, Jupyter Notebook, L^AT_EX

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
15.415.2x Foundations of Modern Finance II, 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