

**NAOTAKA IKEDA, MS, MBA, FRM**  
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## EDUCATION

<b>New York University</b> <i>MS in Mathematics in Finance</i> (expected – January 2020)	New York, NY
<b>Purdue University</b> <i>Master of Business Administration</i> (June 2016 – May 2017), GPA 3.4/4.0	West Lafayette, IN
<b>Kyoto University</b> <i>MS in Mathematics</i> (Apr 2007 – Mar 2009), GPA 3.8/4.0	Kyoto, Japan
<b>Saitama University</b> <i>BS in Mathematics</i> (Apr 2003 – Mar 2007), GPA 3.9/4.0	Saitama, Japan

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## EXPERIENCE

<b>U.S. Commodity Futures Trading Commission (CFTC)</b> <i>Quantitative Science Internship</i> (June 2019 – August 2019)	New York, NY
<ul style="list-style-type: none"><li>Enhanced Python/SAS codes to detect disruptive trading</li></ul>	
<b>Norinchukin Bank</b> <i>Risk Manager, Risk Monitoring Division</i> (May 2017 – June 2018)	Tokyo, Japan
<ul style="list-style-type: none"><li>Reduced calibration time by over 20% in 2 months by spearheading conversion of company-wide risk monitoring system to modernized infrastructure for estimating parameters rapidly</li><li>Negotiated with IT department managers resulting in \$2 million budget to renovate IT system</li><li>Utilized Monte Carlo Simulation and MATLAB for credit risk management</li></ul>	
<b>System Planner/IT Developer, Operations Planning &amp; Solutions Division</b> (July 2013 – May 2016)	
<ul style="list-style-type: none"><li>Implemented thin-client system to update portfolio management system with IT subsidiary staff</li><li>Led data migration of largest client data sets worth \$16B for client's merger</li><li>Built Excel VBA to automate the conversion of client data into new database format</li></ul>	
<b>IT Liaison, London Branch (London, England)</b> (July 2012 – June 2013)	
<ul style="list-style-type: none"><li>Earned competitive assignment as liaison between System Division in Head Office and 7 member IT team at London Branch</li><li>Resolved 4 years longstanding discrepancies within 6 months by establishing new London Branch IT security procedure to harmonize with Head Office IT policies</li><li>Eased London's staff use of Head Office accounting system by generating migration data SQL for utilization in London's more user-friendly interface</li></ul>	
<b>IT Planner, System Division</b> (Apr. 2009 – June 2012)	
<ul style="list-style-type: none"><li>Converted operational risk management system used by over 3,000 employees from application-based to web-based system to centralize business flow to risk management division</li><li>Created data migration tool to develop credit risk management system that recovered delays resulting from 2011 Tohoku earthquake and tsunami</li><li>Reduced annual hardware cost for in-house shared core system by 10%; assessed 1,000+ contracts with PwC</li></ul>	

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## PROJECTS

<b>Purdue University</b> <i>Experimental Learning Initiative (IT Consultation)</i>	West Lafayette, IN
<ul style="list-style-type: none"><li>Designed seamless testing and deployment virtualized environments and agile process flow for reducing US Coast Guard application development time with 4 other students (3 months project)</li></ul>	

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## CERTIFICATION/SKILLS

**Programming Languages:** Python, R, SQL, Java, C++, MATLAB, SAS, VBA  
**Certificate:** GARP Financial Risk Manager (FRM) Part I (November 2017), Part II (May 2018)  
**Languages:** English (fluent), Japanese (native)