Contact

www.linkedin.com/in/michael-cruz-
afm-346121a8 (LinkedIn)

Top Skills

Financial Modeling

Cross-border M&A

Due Diligence

Languages

Spanish (Limited Working)

Japanese (Full Professional)

Chinese (Elementary)

English (Native or Bilingual)

Certifications

Japanese Language Proficiency Test
(JLPT) - N1

Level III CFA exam candidate

Advanced Financial Modeler

Honors-Awards

B.S. Summa Cum Laude in
Mechanical Engineering

Engineering Honors Program

Society of Plastics Engineers 2012
Scholarship

Society of Plastics Engineers 2013
Ryan Scholarship

Rutgers Study Abroad Global Reach
Scholarship

Michael Cruz, AFM

Solution Associate at McKinsey & Company
Greater Tokyo Area

Experience

McKinsey & Company
4 years 5 months

Associate
October 2022 - Present (2 years 9 months)
Tokyo, Japan

Senior Analyst
February 2021 - October 2022 (1 year 9 months)

PwC Japan
Associate
October 2017 - January 2021 (3 years 4 months)
日本 東京都 23 区内

PwC Advisory LLC - Deals - M&A Transactions - Modelling & Value Consulting

• Financial Modelling in Energy (IPP/PF) leveraging Mechanical Engineering
and Solar experience
• Cross-border M&A providing Due Diligence, Strategy, Financial Advisory and
Valuation
• M&A Transaction Model Build, Project Finance, Business Driver Analysis and
Model Review
• Automation System Development via Google Apps Script for internal tracking
and monitoring

Shizen Energy Group/自然電力グループ
Corporate Planning, Business Analyst Intern
August 2016 - September 2017 (1 year 2 months)
Within 23 wards, Tokyo, Japan

• Joined Corporate Planning to initiate internal restructuring advisory aimed at
cost control
• Yielded savings of over 30% in solar cable costs by overhauling former
estimation method
• Identified project KPIs through the development of a database compiling past
solar projects

• Implemented data standardization in company structure in order to enable cross-project analysis
• Facilitated negotiations with suppliers and subcontractors for more competitive pricing through the incorporation of internal benchmarking

The University of Tokyo
Masters Student
September 2015 - September 2017 (2 years 1 month)
Within 23 wards, Tokyo, Japan

• Technology Management for Innovation (TMI) Masters Program on Full Scholarship
• Master's Thesis involved the analysis of actual Solar Power Plant data in Japan and estimating solar irradiation and energy generation potential through regression analysis

NJ Transit
Equipment Design & Engineering Intern
June 2015 - September 2015 (4 months)
One Penn Plaza, Newark, New Jersey

• Revised General Provisions and Technical Specifications for rail project RFP packages
• Optimized fleet wide production schedule by identifying bottlenecks and accounting for learning curve effects for government mandated, safety compliant Positive Train Control (PTC) project
• Identified and clarified potential causes of catastrophic mechanical failure of ALP-45DP locomotive

Tarte Cosmetics
Operations Intern
December 2014 - June 2015 (7 months)
1375 Broadway New York, NY

• Work cross-functionally with Production, Subcontracting and Warehouse divisions
• Update information on the company Enterprise Resource Planning (ERP) system
• Dimensional analysis and review of drawings for upcoming products
• Analyze and compare customer, vendor and warehouse records to ERP system database through pivot tables and Excel VBA

Rutgers University

Student
September 2009 - May 2015 (5 years 9 months)

Enrolled in a dual-degree program under both the School of Engineering, Engineering Honors Program and School of Arts and Sciences.

Pursuing degrees in both Mechanical and Aerospace Engineering and East Asian Language and Area Studies - Japanese Concentration.

Rutgers Louis Stokes Alliance for Minority Participation
Academic Support Facilitator
June 2011 - May 2013 (2 years)

• Supervised more than 70 freshman during NSF funded summer program designed to increase retention rates of minorities majoring in STEM fields
• Acted as a reliable resource and referral agent, assisting at-risk students seeking both academic assistance and social support
• Completed daily tutoring session reports and collected data for assessment
• Assisted professor with grading exams, quizzes and occasional instruction in the classroom

Rutgers AMIPP Center
ARESTY Research Assistant
September 2011 - May 2012 (9 months)

• Worked with polymer matrix composites (PMC) as an alternative structural material
• Sample preparation for Field Emission Scanning Electron Microscope (FESEM)
• Use of FESEM for morphology analysis of specimens for microstructure understanding of
integrity, strength and mixing of the material
• Flexural, Tensile and Impact testing of specimens by ASTM standard

---

Education

The University of Tokyo
Master's degree, Technology Management for Innovation - School of Engineering · (2015 - 2017)

Rutgers University-New Brunswick
Bachelor of Science (B.S.), Mechanical and Aerospace Engineering · (2009 - 2015)

Rutgers University-New Brunswick

Bachelor of Arts (B.A.), East Asian Languages and Area Studies - Japanese
Concentration · (2009 - 2015)

Ritsumeikan University

Intensive Japanese Language Program (1 year), Japanese
Studies · (2013 - 2014)

東京大学

修士, 技術経営戦略学 · (2015 - 2017)

———