Mike CY Ngan
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Education:

University of Chicago
MBA, Booth School of Business
Concentrations: Economics, Statistics and Econometrics, Operations Management.

University of Illinois at Urbana-Champaign
B.S. Aerospace Engineering, minor Computer Science
James Scholar, Dale S. Margerum Award recipient

Employment:

Enova International, Chicago, IL

Analytics Manager 2, UK Portfolio Analytics Manager	2019-
Analytics Manager, UK Portfolio Analytics Manager	2017-2019

- Manage a team of data scientists and machine learning specialists
- Deploy and maintain underwriting models using proprietary cloud infrastructure via AWS
- Mine customer performance data to refine Enova's general UK strategy (i.e. marketing, portfolio, and fraud prevention processes)

Analytics Manager, Fraud Analytics and Operations   2015 – 2017
- Managed a team of 4 analytics analysts and 5 operational specialists to mitigate fraud risk across all of Enova's products
- Utilized analytics and machine learning techniques on large sets of loan and customer data to mine for anomalies

Analytics Senior Associate, Fraud Analytics   2014

Atlantic Trading, Chicago, New York, London

Trader and Finance Quant   2007-2014
- Managed quantitative tasks firmwide across equities, interest rates, and energy complexes
- Used large datasets of historical financial data to statistically test and refine algorithmic trading strategies
- Market maker in the pit and on the screen for Eurodollar Options group
- Built options pricing model and risk tools for Asian Options and Fed Funds Options

NASA John H. Glenn Research Center, Cleveland, OH

Algorithms Design Intern   2006

Speaking Engagements:
IOvation Fraud Force 2018 (London, UK) - Applying Advanced Analytics for eCommerce Fraud Prevention
Card Not Present 2017 - Fake Identities, Real Threat: Fight Back Against Synthetic ID Fraud
MRC Conference 2016 (Seville, Spain) - Using Open Source Software for Fraud Analytics

Other Information:
Passed all 3 levels of CFA exam on first attempt
Fluent in Python and PostgreSQL; working knowledge of R, VBA, and C-based languages
Primarily used Git for software development version control