

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, Internal Consulting Group

2019-

- Solved a wide variety of company-wide strategy problems using analytics and economics
- Prepared strategy for CEO to be presented to the board of directors

Analytics Manager 2, UK Portfolio Analytics Manager

2017-2019

- Managed a team of data scientists and machine learning specialists
- Deployed and maintained underwriting models using proprietary cloud infrastructure via AWS
- Mined 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

Developer of Chrome extension Widen Git, a productivity extension used to widen github enterprise boxes