MICHAEL G. MULLER

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PROFILE

Data Scientist, Professor of Engineering, a multi-faceted analyst, developer, and thought-partner. Able to effectively manage the data pipeline. Building a career path towards leadership.

EDUCATION

CUNY School of Professional Studies, New York, New York
M.S., *summa cum laude*, Data Science, December 2018
Awards: Dean's List (2016-2018)

SUNY Stony Brook University, Stony Brook, New York
B.A., Political Science, May 2014

EXPERIENCE

July 2018 - Present

Context Travel, New York, New York
Data Scientist, Business Insights

Work closely with the CFO and CEO to direct company with various insights, including customer segments, revenue models, and funnel metrics. Advise teams on sales targets, direction and workflow. Create and maintain a data-driven work culture via dashboarding and metric management. Size, develop and implement data-driven initiatives. Assess, create and validate predictive and statistical models including recommender systems and perishable inventory forecasting. Widen top of funnel via lead generation using webscrapping. Currently leading two companywide initiatives involving dynamic pricing and revenue management.

June 2018 – Present

CUNY LaGuardia Community College, Queen New York
Adjunct Professor of Engineering

Instruct undergraduate students in online and in-person computer science and engineering courses, including C++ for Engineers, Advanced C++, Introduction to Python. Design curriculum and collaborate with faculty to support students.

Jan 2014 – Dec 2016

Free-lance Python Developer, Self-Employed

Developed and maintained Amazon Echo skills (applications) and webscrappers.

SKILLS AND TOOLS

- pyTorch, Scikit, (Python)
- mySQL postgres bQ (SQL)
- Salesforce (CRM)
- Tableau Periscope (Power B.I. tools)
- Microsoft Excel

- Amazon Web Services (AWS)
- Natural Language Tool Kit (NLTK)
- Machine Learning (ML)
- Data Modeling \ Data Architecture
- Bayesian Statistics