

John Doe

Manhattan, New York City NY, USA

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in johndoe • Last updated: October 8, 2021

Education

New York University

M.S. Data Science

New York City NY, USA

Aug 2019 – Jul 2021

University of Florida

B.S. Computer Science

Gainesville FL, USA

Aug 2016 – Jul 2019

Overall GPA: 3.59

Experience

Company A

Data Science Intern, Credit Risk

Machine Learning Team (Jan 2021 – Jun 2021)

Los Angeles CA, USA

Aug 2020 – Jun 2021

- Developed novel attention-based transformer model for identifying customer and seller risks on USA marketplace
- Improved prediction accuracy by **XX bps** (in AUC); reduced model re-calibration frequency to weekly

Company B

Summer Intern, Remote Learning Department

New York City NY, USA

May 2018 – Jul 2018

- Developed open-source ed-tech plugin for retrieving, processing, and visualising state & county level enrolments; plugin captures US data from 500+ constituencies

Projects

- **Longitudinal Regression:** Investigated effects of phishing attacks on network pings.
- **Recommender system:** SVD, CUR, collaborative filtering on 17 million+ e-commerce ratings.
- **Sea Temperature Forecasting:** SARIMAX forecasting web-app; [johndoe/Forecasting](#)

Publications

- Cooper, D., Smith, P., & **Doe, J.** (2021, October 7). *Auto Feature Engineering for Credit Risk Prevention*. 2nd Workshop on ML in Fraud, Abuse, Credit Risk, and Security, International Machine Learning Conference 2021, Los Angeles, CA, USA.
- Khan, S., Malik, S., **Doe, J.**, & Karinski, V. (2021). *Effects of Phishing Attacks on Network Latency*. Manuscript submitted for publication.

Technical Skills

Languages	Python, R, STATA, Java, C++, C, SQL, TeX
Data Wrangling	SQL, PySpark, pandas, STATA, R, MS Excel
AWS Tools	Sagemaker, EC2, Redshift, S3
Developer Tools	Docker, Unix, Git, web-scraping
Web Skills	HTML5, CSS, Liquid, WordPress, SEO