

# John Doe

Manhattan, New York City NY, USA

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🌐 johndoe • 💼 johndoe • Last updated: October 9, 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, <del>TeX</del>
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