MSDS at New York University

Arthur Spirling

Deputy Director, DGS, NYU

May 18, 2018



Mission



Be the # 1 MSDS in the World:



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Provide best training for all models of student: some straight from undergrad, but many in industry trying to 'tech up' or switch careers.



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- S1 Intro to Data Science
- S1 Probability and Statistics for Data Science



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One Data Science Elective, e.g.

Deep Learning Natural Language Processing with Representation Learning Optimization-based Data Analysis



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Track electives



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One Data Science Elective, e.g.

Deep Learning Natural Language Processing with Representation Learning Optimization-based Data Analysis

Track electives

General electives

plus ethics!





The New york Times

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Tech's Ethical 'Dark Side': Harvard, Stanford and Others Want to Address It



Interest in ethics is asymmetric:



May 16, 2018

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The New york Times

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But sustainability is hard: ultimately need (joint) hire in ethics!

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Tracks



Self-identified interest in groups of electives:



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CDS General (no track)



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- CDS General (no track)
- CDS Big Data
- **CDS** Mathematics and Data
- CDS Natural Language Processing

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- CDS General (no track)
- CDS Big Data
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 - Ph Physics
 - **Bio** Biology
- Med Biomedical (from Fall 2019)

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adeptmind



Professional Development



Company Information Sessions:



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More general university resources: alumni, faculty, NYU career services



Outcomes I



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 $\sim 100\%$ placement rate at graduation (or few months after)



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Image: Image:

Outcomes II



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'Narrative': understand program and what they want out of it



Diversity



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We want to hear from you and your students!



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Please have them apply!



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https://cds.nyu.edu/admissions/

