

## Education

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### New York University

M.S. & Ph.D. in Computer Science, expected graduation May 2025.

– Advised by Chinmay Hegde.

New York, NY

2021–Present

### Columbia University

M.F.A. in Screenwriting

New York, NY

2008–2012

### Wesleyan University

B.A. in Film History

Middletown, CT

2002–2006

## Recent Publications

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- B Feuer, R T Schirrmeyer, V Cherepanova, C Hegde, F Hutter, M Goldblum, N Cohen, C White. [TuneTables: Context Optimization for Scalable Prior-Data Fitted Networks](#). *NeurIPS*, 2024
- B Feuer, J Xu, N Cohen, P Yubeaton, G Mittal, C Hegde. SELECT: Large-Scale Benchmark of Data Curation Strategies for Image Recognition. *NeurIPS*, 2024
- B Feuer, C Yang, Z Jubery, Z K. Deng, A Nakkab, M Z Hasan, S Chiranjeevi, K O Marshall, N Baishnab, A K Singh, A Singh, S Sarkar, N Merchant, C Hegde, B Ganapathysubramanian. [Arboretum: A Large Multimodal Dataset Enabling AI for Biodiversity](#). *NeurIPS (Spotlight)*, 2024
- B Feuer, Y Liu, C Hegde, J Freire. [ArcheType: A Novel Framework for Open-Source Column Type Annotation using Large Language Models](#). *VLDB*, 2024
- D McElfresh, S Khandagale, J Valverde, V Prasad C, B Feuer, C Hegde, G Ramakrishnan, M Goldblum, C White. [When Do Neural Nets Outperform Boosted Trees on Tabular Data?](#) *NeurIPS*, 2023

## Selected Publications

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- C White, S Dooley, M Roberts, A Pal, B Feuer, S Jain, R Shwartz-Ziv, N Jain, K Saifullah, S Naidu, C Hegde, Y LeCun, T Goldstein, W Neiswanger, M Goldblum. [LiveBench: A Challenging, Contamination-Free LLM Benchmark](#). *Under Review*, 2024
- B Feuer, A Joshi, M Pham, C Hegde. [Distributionally Robust Classification on a Data Budget](#). *Transactions in Machine Learning Research*, 2023
- B Feuer, A Joshi, M Cho, K Jani, S Chiranjeevi, ZK Deng, A Balu, A K Singh, S Sarkar, N Merchant, A Singh, B Ganapathysubramanian, C Hegde. [Zero-Shot Insect Detection via Weak Language Supervision](#). *The Plant Phenome Journal* (2024), *AAAI Workshop on AI for Agriculture and Food Sciences (AIAFS)*, 2023 (Oral)
- B Feuer, N Cohen, C Hegde. [Scaling TabPFN: Sketching and Feature Selection for tabular prior-data fitted networks](#). *NeurIPS Table Representation Learning Workshop*, 2023
- B Feuer, C Hegde. [Exploring Dataset-Scale Indicators of Data Quality](#). *NeurIPS ATTRIB Workshop*, 2023

- A Nakkab, B Feuer, C Hegde. [LiT-Tuned Models for Efficient Species Detection](#), *AAAI Workshop on AI for Agriculture and Food Sciences (AIAFS), 2023 (Oral)*

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## Awards and Honors

<b>The Deborah M. Rosenthal Award (Best CS Qualifying Exam)</b> , New York University	2024
<b>SOE Scholarship, Summer Scholars</b> , New York University	2021
<b>Faculty Honors</b> , Columbia University	2012
<b>Merit Scholar</b> , Columbia University	2008
<b>Cum Laude</b> , Wesleyan University	2006
<b>Honors Thesis</b> , Wesleyan University	2006

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## Teaching

- **Recitation Leader** at New York University
  - Discrete Mathematics* Fall 2021, Spring 2022
  - Lead lectures for groups of 20-25 students, prepared and distributed course materials, graded homework and exams
  - Number Theory* Spring 2022
- **Adjunct Faculty** at Ramapo College
  - World Cinema Analysis* Fall 2018 - Spring 2021
  - Created syllabus, taught undergraduates, judged student film competitions, career and academic advising
- **Adjunct Faculty** at Montclair State University
  - Screenwriting* Fall 2019 – Spring 2021
  - Created syllabus, taught undergraduates
- **Adjunct Faculty** at Curry College
  - Comedy Writing* Fall 2013 – Spring 2014
  - Created syllabus, taught undergraduates, advised on student films
- **Preceptor** at Columbia University
  - American Film History, Screenwriting* Spring 2011 – Fall 2011
  - Created syllabus, taught undergraduates, lead discussion sections

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## Service

### Reviewing

ICLR, TMLR: 2025, NeurIPS, ICLR (DMLR Workshop): 2024

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## Professional Experience

<b>Arthur</b>	New York, NY (hybrid)
Research Fellow	Summer 2024

- Series B Startup; AI observability platform, including the world's first LLM firewall
- Conducted original research into failure modes of LLM-judges for alignment benchmarking

**Covalent**

San Francisco, CA (remote)

Research Intern

Summer 2021

- Y-Combinator & Wharton-backed startup focused on group matching, similar to [Lunchclub](#)
- Improved core app functionality for group and individual matching using BERT transformer embeddings

**Arizona State University**

Tempe, AZ

Research Consultant

Summer 2020

- Implemented an algorithm to compute the NDVI index of seedlings based on infrared imagery from a Raspberry Pi
- Project was awarded an \$1.6 Mn [SBIR grant](#) from the Dept. of Energy in 2021

**Filmmaker**

Los Angeles, CA and New York, NY

Independent Filmmaker

Spring 2012-Spring 2021

- Fundraised, directed, produced and marketed 1 feature and 4 short films budgeted up to \$1 Mn USD
- Hired and managed hundreds of contract employees.
- Oversaw intl. sale and distribution deals with 1091 Pictures, Shorts.TV
- Co-created 100+ hours of visual and written content for Amazon Prime, YouTube, Disney, HBO, and wide-release theatrical exhibition, featuring Helen Mirren, Zachary Quinto, Dennis Quaid, Julia Roberts, Lucas Hedges, Gabrielle Union and Bill Irwin.
- Film festivals include Clermont-Ferrand, Telluride, Berlin Independent Film Festival, and Outfest