# Benjamin Feuer

### Education

New York UniversityNew York, NYM.S. / Ph.D. in Computer Science, expected graduation May 2025.2021–Present

Email: bf996@nyu.edu

Website: penfever.github.io

2002-2006

Advised by Chinmay Hegde.

Columbia UniversityNew York, NYM.F.A. in Screenwriting2008–2012Wesleyan UniversityMiddletown, CT

B.A. in Film History

#### **Selected Publications**

- B Feuer, M Goldblum, T Datta, S Nambiar, R Besaleli, S Dooley, M Cembalest, J P Dickerson. <u>Style Outweighs Substance:</u> Failure Modes of LLM Judges in Alignment Benchmarking. *ICLR*, 2025.
- 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. <u>LiveBench: A Challenging, Contamination-Free LLM Benchmark.</u> ICLR, 2025. Featured in Phi-4 Technical Report, Gemini 2.0 Technical Report, Owen 2.5 Technical Report, etc.
- 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. <u>BioTrove: A Large Multimodal Dataset Enabling AI for Biodiversity</u>. NeurIPS (Spotlight), 2024
- B Feuer, R T Schirrmeister, V Cherepanova, C Hegde, F Hutter, M Goldblum, N Cohen, C White. <u>TuneTables: Context</u> Optimization for Scalable Prior-Data Fitted Networks. *NeurIPS*, 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

#### **Recent Publications**

- K Arabi, B Feuer, R T Witter, C Hegde, N Cohen. <u>Hidden in the Noise: Two-Stage Robust Watermarking for Images.</u> ICLR, 2025
- B Feuer, J Xu, N Cohen, P Yubeaton, G Mittal, C Hegde. <u>SELECT: Large-Scale Benchmark of Data Curation Strategies for Image Recognition</u>. NeurIPS, 2024
- B Feuer, Y Liu, C Hegde, J Freire. <u>ArcheType: A Novel Framework for Open-Source Column Type Annotation using Large Language Models</u>. *VLDB*, 2024
- B Feuer, A Joshi, M Pham, C Hegde. <u>Distributionally Robust Classification on a Data Budget.</u> *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. <u>Zero-Shot Insect Detection via Weak Language Supervision</u>, *The Plant Phenome Journal* (2024), AAAI Workshop on AI for Agriculture and Food Sciences (AIAFS), 2023 (Oral)

## Awards, Honors, Invited Talks

Style and Substance: Failure Modes of LLM Judges, AI Fest, New York City	2024
Style and Substance: Failure Modes of LLM Judges, Tom Goldstein Lab, UMD	2025
Style and Substance: Failure Modes of LLM Judges, NLP, Penn State University	2024
Mitigating Biodiversity Loss with Frontier AI, Machine Learning, Rensselaer Polytechnic Institut	te 2024
Style and Substance: Failure Modes of LLM Judges, AI In Research Sem., New York University	2024
The Deborah M. Rosenthal Award (Best CS Qualifying Exam), New York University	2024
Big LLMs for Big Data, Big Data, New York University	2024
SOE Scholarship, Summer Scholars, New York University	2021
Faculty Honors, Columbia University	2012
Merit Scholar, Columbia University	2008
Cum Laude, Wesleyan University	2006
Honors Thesis, Wesleyan University	2006

## **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

## Service

#### Reviewing

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

Top Reviewer: NeurIPS 2024

# **Professional Experience**

Oumi Seattle, WA (remote)

Research Fellow

Spring 2025

- Series A Startup; building Linux for artificial intelligence
- Conducted original research and developed code for model post-training

Boston, MA (remote) **State of Place** 

Research Consultant

Spring 2025

- Lead technical team on a Phase 1 SBIR grant with US DOT
- Developed novel, scalable computer vision algorithms for built environment features and smart cities

Arthur 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 <u>Lunchelub</u>
- 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