

# MIRANDA LI

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## EDUCATION

### Stanford University

B.S. candidate, Computer Science (3.9 GPA); M.S. candidate, Computer Science - Artificial Intelligence

Sep 2018 – Jun 2023

Stanford, CA

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## WORK EXPERIENCE

### Rashaad Newsome Studio

AI Research and Development

March 2021 - present

Remote

- Used state-of-the-art text generation models for poetry generation for upcoming 2022 exhibition at Park Avenue Armory in Manhattan; will speak about this work on a panel at the Armory in February 2022

### Code in Place (Stanford Computer Science)

Head TA, Organizer, Section Lead, Small Group Lead

March 2020 – May 2020, March 2021 - present

Stanford, CA

- Actively involved in organizing the next iteration of Code in Place (free, pandemic-era offering of the first half of CS106A, Stanford's intro Python course, to the global public) and imagining the future of decentralized education
- Authored accessible assignments and worked examples for 12,000+ students learning introductory Python
- Helped produce curriculum for training 900+ volunteer section leaders
- Led 20+ volunteer section leaders in pedagogical training; supported 10 students from across the world in learning Python through weekly sections

### Morphogen

ML intern

June 2021 - September 2021

Remote

- Aided in upcoming redesign of Artbreeder, an in-browser GAN application, by producing machine learning pipeline for visualizing and summarizing latent space of trained image models.

### Teus Media

ML Research and Development

January 2021 - March 2021

Remote

- Employed deep learning methods to build voice conversion pipeline for protection of sensitive subjects in documentary films

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## PROJECTS

### Collective storytelling

Present

Producing workflow and infrastructure to aggregate 2-way dialogues between members of a large community into a dynamic, nonlinear narrative which community members can have collective ownership over, which expresses the similarities and differences between individual experiences, and which allows for interactive navigation. Supported by Stanford Engineering and Stanford Oral History Project, under the supervision of Prof. Chris Piech.

### Nonsense Newspapers

Fall 2020

Trained a GAN to generate realistic-looking but meaningless newspaper images as an artistic work intended to invoke a sense of simultaneous familiarity and foreignness, and made a physical zine. ([https://mirandali707.github.io/nonsense\\_newspapers/](https://mirandali707.github.io/nonsense_newspapers/)) Zine has been collected by Aleator Press.

### Quantifying Political Bias

June 2019

Led interdisciplinary team of 5, supervised by Google News founder Dr. Krishna Bharat, in employing statistical methods to aggregate pairwise comparisons of sources into continuous scale of relative political leaning. Work was given a 'strong accept' and won Best Work in Progress/Demo at HCOMP 2020, AAAI conference on human computation and crowdsourcing.

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## SKILLS

- Python, shell scripting, Git, Vim, AWS EC2, Docker, C/C++, Java, Javascript, R, Matlab, HTML/CSS