

THIS
IS
THE SENTENCE THAT
THE WIND
BLEW HERE

STUDIO: COMPUTATIONAL WRITING

FALL 2018 / ATLS-4519-090/091

M/W 1-2:50, ENVD 234A

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This studio-based course explores computation as a tool for experimental and conceptual writing. Technically students will learn the fundamentals of programming using JavaScript and p5.js. Thematically the course focuses on poetics, conceptual art, algorithmic writing and textual analysis. Through critical readings, discussions, and projects, students will gain an understanding and appreciation of the potential of computation as a tool for creative writing practices.

Prerequisites: Although useful, no previous programming experience is required.

Topics include: variables, control structures, data structures (arrays, objects, dictionaries); transcoding/transcription; functions; text analysis and visualization; retrieving data from API's; parsing data formats (e.g., markup languages)| regular expressions| natural language processing; n-grams; Markov Chain Generation; and more. These topics will be used in the development of experimental and speculative works.

image: BP Nichol, *First Screening*