APRAMEYA MYSORE

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EDUCATION

Carnegie Mellon University
Emerging Media Masters Candidate
August 2015-present

Studying data visualization and the creation of art forms inspired by biological complexity. Advised by Golan Levin.

University of Wisconsin-Madison
Letters & Science
Custom Major: Information Aesthetics (B.S.)
Graduated: August 2014

Designed a custom interdisciplinary major entitled “Information Aesthetics”. Incorporates work in Applied Math, Statistics, Art/Design, Computer Science, and independent study work.

EXPERIENCE

NASA Jet Propulsion Lab
June 2016-August 2016
Data Visualization Design Lead Intern

Working with interdisciplinary team of designers and scientists to develop functional visualization solutions to difficult scientific problems.

Carnegie Mellon
School of Art
January 2016-June 2016
Research Assistant

Assisted Jesse Stiles constructing an interface to creatively sonify streams of MEG brain scan data. Met with neuroscientists and conceptualized how high dimensional brain scans can be turned into a spatialized sound experience.

Pitch Interactive
January 2014-April 2014
Technologist / Creative Coding Intern

Responsible for designing exploratory visualizations for several clients. Worked with D3 and Processing to creatively visualize various biological/sociological datasets

University of Wisconsin-Madison
Lab for Optical and Computation Instrumentation
January 2012-August 2014
Research Assistant

Designed a Java plugin to explore spectrally complex microscopy data through data sonification. Submitted research to peer reviewed scientific journal

Designed an educational model for efficiently explaining complex and novel optical microscopy techniques to new researchers in the Lab in the form of a series of animations. Provided as a public resource on the LOCI website.

Waisman Lab for Brain Imaging
August 2011-August 2013
Research Assistant

Developed a WebGL application that allows neuroscientists working with time lapse brain activation data (fMRI) to easily and elegantly visualize their datasets in a web browser.

University of Wisconsin-Madison
Department of Sociology
August 2009-August 2011
Research Assistant

Worked on a study of private prison corporations and news media. Coded data for utterances that imply positive or negative framing of private prison corporations over a 20 year period. Met with research group to tweak coding thresholds to better understand how private prisons have been portrayed in mainstream media.

TECHNICAL SKILLS

Software

Photoshop, Illustrator, Fireworks, InDesign, Flash Builder, ImageJ, TileMill, ArcGIS, Ableton Live, Max/MSP, SuperCollider, Cinema4D, Autodesk 3DStudio/Maya

Languages

Java, Processing, HTML/CSS, R, Python, OpenFrameworks, Javascript (D3.JS, Leaflet.JS, JQuery, some Three.js)

Portfolio: invizibility.github.io